LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029233.D
Acq On : 14 Oct 2017 21:33
Operator : SJ/JU
Sample : I5548-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.555	41	45	52	rVB	17338	29357	0.23%	0.042%
2	4.536	207	212	219	rVB4	17630	27243	0.22%	0.039%
3	6.851	591	606	618	rVB	579078	957529	7.61%	1.356%
4	7.156	645	658	665	rBV4	41224	108635	0.86%	0.154%
5	7.321	678	686	698	rBV	354569	675743	5.37%	0.957%
6	7.491	704	715	727	rBV	276455	477536	3.80%	0.676%
7	7.620	727	737	743	rVV2	33689	77725	0.62%	0.110%
8	7.703	743	751	760	rVB	335536	567582	4.51%	0.804%
9	8.173	823	831	839	rBV	418026	717104	5.70%	1.016%
10	8.396	864	869	875	rBV6	15578	28004	0.22%	0.040%
11	8.872	940	950	962	rBV	408240	705280	5.61%	0.999%
12	9.336	1013	1029	1037	rBV	335576	605802	4.81%	0.858%
13	9.442	1037	1047	1052	rVV6	19446	47929	0.38%	0.068%
14	10.065	1143	1153	1162	rBV	264122	490262	3.90%	0.694%
15	10.211	1166	1178	1186	rBV	63708	149270	1.19%	0.211%
16	10.288	1186	1191	1201	rVB8	18687	46856	0.37%	0.066%
17	10.605	1236	1245	1260	rVB	468274	827618	6.58%	1.172%
18	10.993	1299	1311	1324	rBV	634286	1141113	9.07%	1.616%
19	11.116	1324	1332	1350	rVB	186905	370748	2.95%	0.525%
20	11.369	1366	1375	1383	rVB3	15380	28823	0.23%	0.041%
21	11.457	1383	1390	1397	rBV	51163	85137	0.68%	0.121%
22	12.591	1565	1583	1589	rBV5	39866	90314	0.72%	0.128%
23	12.873	1622	1631	1638	rBV3	17204	31635	0.25%	0.045%
24	13.167	1675	1681	1690	rVV5	34966	74674	0.59%	0.106%
25	13.549	1738	1746	1753	rBV5	32871	72169	0.57%	0.102%
26	13.678	1763	1768	1777	rBV2	120623	212592	1.69%	0.301%
27	13.766	1777	1783	1790	rVB6	14273	30948	0.25%	0.044%
28	13.878	1796	1802	1814	rBV2	66037	139910	1.11%	0.198%
29	14.124	1830	1844	1850	rBV	2343281	3473173	27.60%	4.919%
30	14.189	1850	1855	1859	rVV	842980	1276822	10.15%	1.808%
31	14.236	1859	1863	1872	rVB	298798	454259	3.61%	0.643%
32	14.489	1898	1906	1914	rBV	962606	1576121	12.53%	2.232%
33	14.553	1914	1917	1922	rVV7	20282	36237	0.29%	0.051%
34	14.630	1922	1930	1934	rVV6	44242	76177	0.61%	0.108%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029233.D
Acq On : 14 Oct 2017 21:33
Operator : SJ/JU
Sample : I5548-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Title : SVOA CALIBRATION

35	14.677	1934	1938	1942	rVV3	26242	36604	0.29%	0.052%
36	14.747	1942	1950	1953	rVV	307960	470653	3.74%	0.667%
37	14.794	1953	1958	1964	rVV2	937443	1536949	12.21%	2.177%
38	14.859	1964	1969	1980	rVB5	84060	203709	1.62%	0.289%
39	14.971	1980	1988	1995	rBV	349137	549508	4.37%	0.778%
40	15.041	1995	2000	2002	rVV	69282	118583	0.94%	0.168%
41	15.065	2002	2004	2007	rVV2	74052	87566	0.70%	0.124%
42	15.106	2007	2011	2019	rVB2	54421	112073	0.89%	0.159%
43	15.182	2019	2024	2039	rBV2	19573	57464	0.46%	0.081%
44	15.399	2052	2061	2064	rBV10	15381	28769	0.23%	0.041%
45	15.576	2084	2091	2095	rBV9	10379	27323	0.22%	0.039%
46	15.623	2095	2099	2103	rVV2	28073	35092	0.28%	0.050%
47	15.670	2103	2107	2116	rBV2	86718	147307	1.17%	0.209%
48	15.781	2118	2126	2133	rBV	1281022	2000548	15.90%	2.834%
49	15.887	2136	2144	2154	rVB	272723	439014	3.49%	0.622%
50	16.010	2160	2165	2172	rVB10	33002	78168	0.62%	0.111%
51	16.110	2172	2182	2189	rBV5	72370	164084	1.30%	0.232%
52	16.251	2189	2206	2217	rVB3	244365	534705	4.25%	0.757%
53	16.345	2217	2222	2229	rBV9	28714	63571	0.51%	0.090%
54	16.404	2229	2232	2239	rBV8	20946	37002	0.29%	0.052%
55	16.481	2241	2245	2256	rVB3	66828	135225	1.07%	0.192%
56	16.622	2262	2269	2274	rBV6	57508	110007	0.87%	0.156%
57	16.657	2274	2275	2287	rVB6	21205	45590	0.36%	0.065%
58	17.268	2373	2379	2383	rBV4	46184	66376	0.53%	0.094%
59	17.403	2398	2402	2409	rBV8	33954	49731	0.40%	0.070%
60	17.468	2410	2413	2417	rVV6	17815	25060	0.20%	0.035%
61	17.532	2417	2424	2434	rVV2	1079086	1754360	13.94%	2.485%
62	17.626	2434	2440	2451	rVB2	1137693	1716755	13.64%	2.432%
63	17.726	2451	2457	2462	rBV9	27687	58009	0.46%	0.082%
64	18.278	2547	2551	2556	rBV7	37824	71168	0.57%	0.101%
65	18.337	2558	2561	2566	rBV	56784	84462	0.67%	0.120%
66	18.402	2566	2572	2578	rBV	500263	686010	5.45%	0.972%
67	18.696	2619	2622	2626	rBV5	23993	33802	0.27%	0.048%
68	18.819	2640	2643	2647	rBV5	20441	27106	0.22%	0.038%
69	18.936	2659	2663	2666	rBV5	23568	35507	0.28%	0.050%
70	18.989	2667	2672	2681	rVB5	43116	86359	0.69%	0.122%
71	19.307	2721	2726	2731	rBV9	38599	65864	0.52%	0.093%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029233.D
Acq On : 14 Oct 2017 21:33
Operator : SJ/JU
Sample : I5548-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Title : SVOA CALIBRATION

72	19.424	2743	2746	2748	rBV	44765	41073	0.33%	0.058%
73	19.565	2758	2770	2775	rBV3	221415	676694	5.38%	0.958%
74	19.659	2783	2786	2802	rVB2	241457	498627	3.96%	0.706%
75	19.806	2807	2811	2816	rVB	147677	180544	1.43%	0.256%
76	19.900	2817	2827	2837	rBV2	1275834	2148914	17.08%	3.044%
77	20.276	2889	2891	2900	rVB3	103734	154659	1.23%	0.219%
78	20.382	2905	2909	2911	rBV5	81506	103693	0.82%	0.147%
79	20.417	2911	2915	2925	rVV2	245277	415771	3.30%	0.589%
80	20.699	2959	2963	2970	rVB	245594	345600	2.75%	0.490%
81	20.846	2985	2988	2992	rVB2	161569	165216	1.31%	0.234%
82	21.069	3022	3026	3034	rVB	310368	374946	2.98%	0.531%
83	21.251	3049	3057	3064	rVB	8356545	12582536	100.00%	17.822%
84	21.422	3081	3086	3099	rVB2	362973	652464	5.19%	0.924%
85	21.674	3127	3129	3134	rVB	118448	123011	0.98%	0.174%
86	21.798	3144	3150	3157	rBV2	1003511	1728903	13.74%	2.449%
87	22.632	3285	3292	3309	rVB3	667673	1592409	12.66%	2.255%
88	23.696	3469	3473	3482	rVB6	143840	304255	2.42%	0.431%
89	24.172	3545	3554	3560	rBV	1266373	2833564	22.52%	4.013%
90	24.230	3560	3564	3581	rVB2	424169	983179	7.81%	1.393%
91	24.888	3667	3676	3694	rVB2	591389	1770855	14.07%	2.508%
92	25.112	3706	3714	3731	rVB3	626640	2278163	18.11%	3.227%
93	25.687	3807	3812	3834	rVB4	202966	714751	5.68%	1.012%
94	26.175	3888	3895	3907	rVB4	238277	769180	6.11%	1.089%
95	26.334	3911	3922	3935	rBV2	1368541	4353074	34.60%	6.166%
96	26.451	3937	3942	3957	rVB7	152571	531645	4.23%	0.753%
97	27.738	4155	4161	4175	rVB4	191446	683960	5.44%	0.969%
98	28.555	4294	4300	4314	rVB5	166386	628259	4.99%	0.890%
99	29.459	4442	4454	4471	rVB2	476232	2127433	16.91%	3.013%
100	30.652	4640	4657	4688	rBV7	564445	3348616	26.61%	4.743%

Sum of corrected areas: 70602404

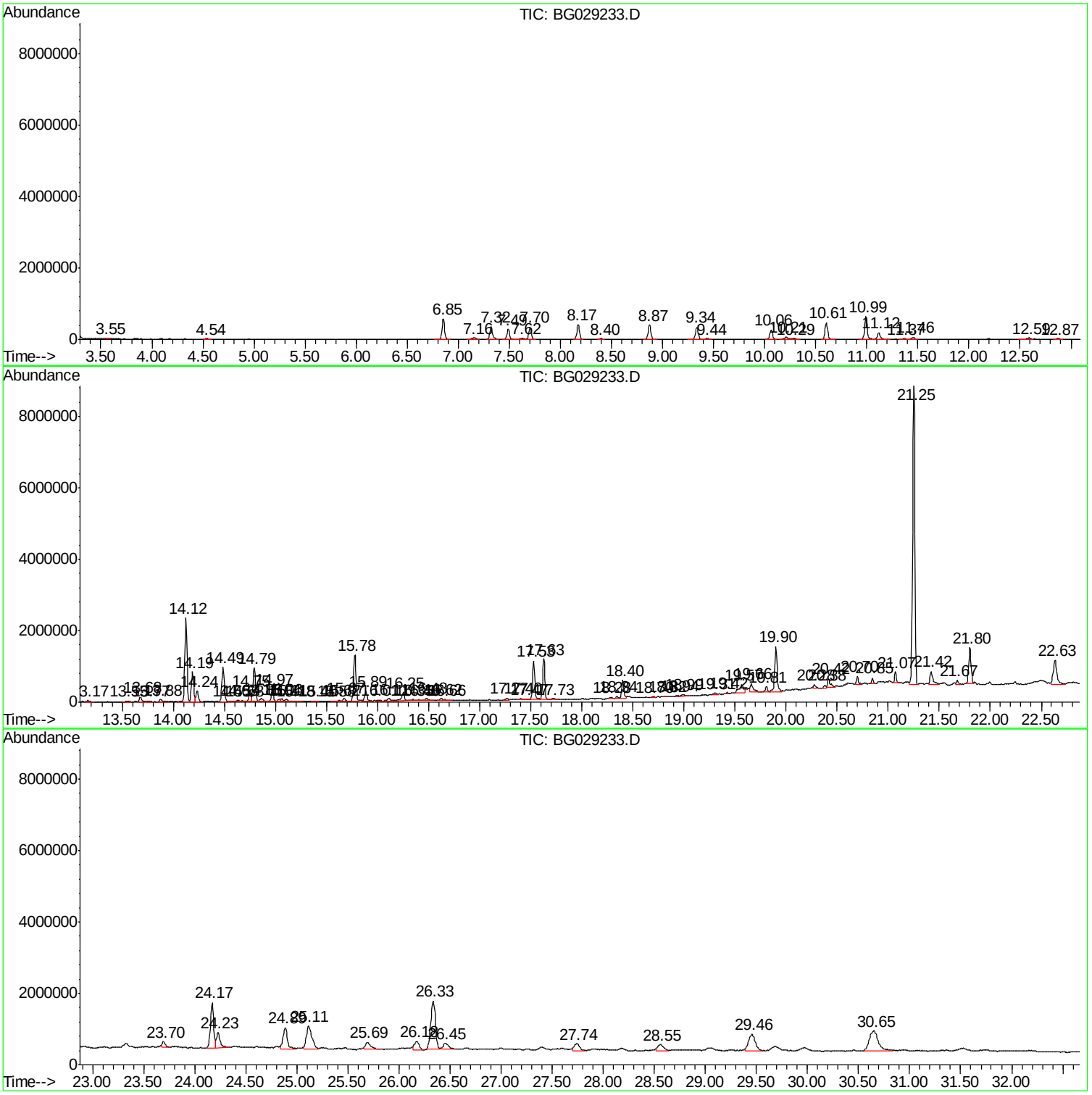
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029233.D
Acq On : 14 Oct 2017 21:33
Operator : SJ/JU
Sample : I5548-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029233.D
Acq On : 14 Oct 2017 21:33
Operator : SJ/JU
Sample : I5548-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

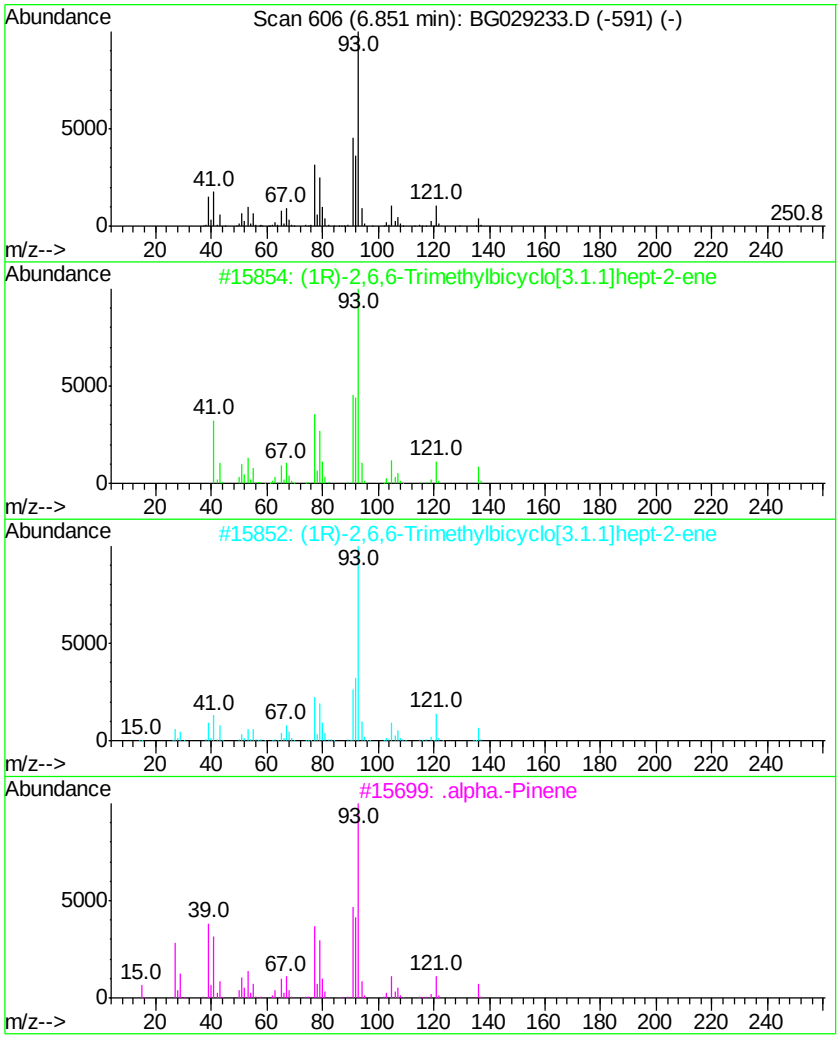
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

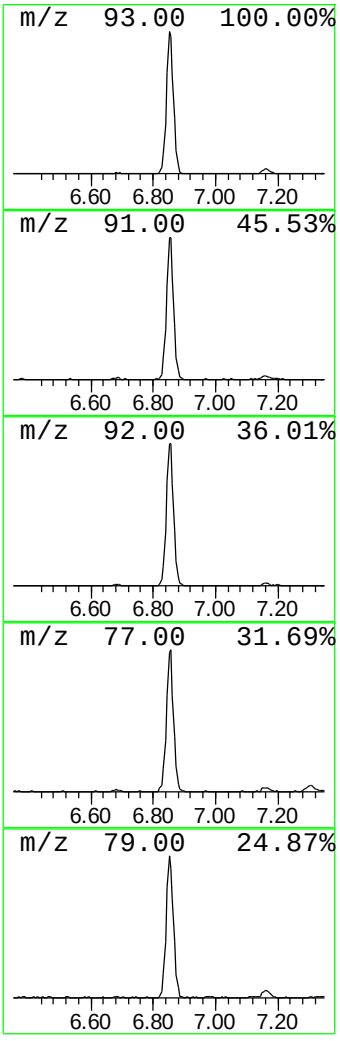
****

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	26.71 ng/ul	957529	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
3	.alpha.-Pinene	136	C10H16	000080-56-8	94
4	.alpha.-Pinene	136	C10H16	000080-56-8	94
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029233.D
Acq On : 14 Oct 2017 21:33
Operator : SJ/JU
Sample : I5548-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

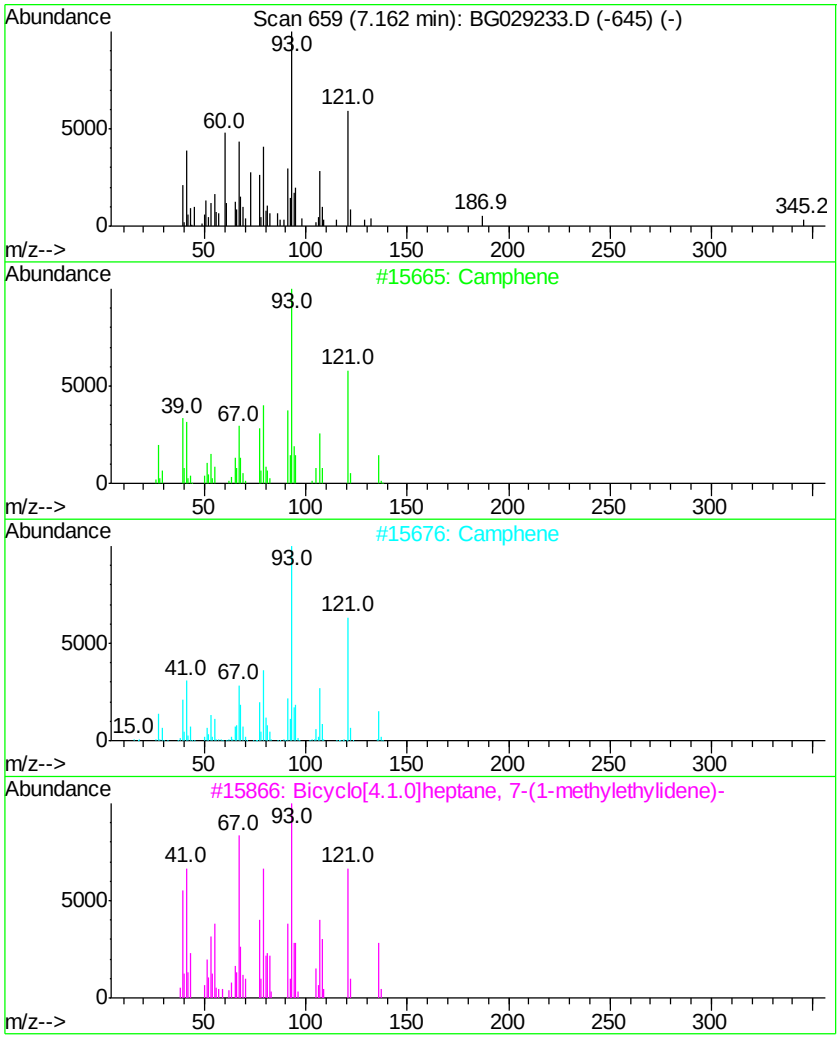
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

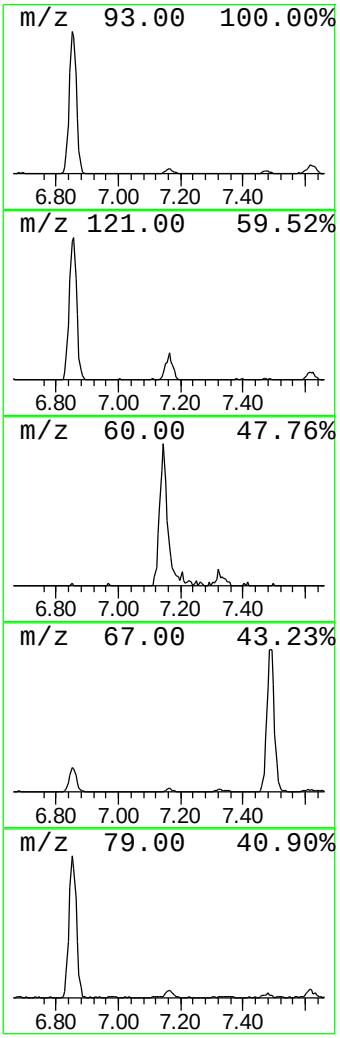
****

Peak Number 2 Camphene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	3.03 ng/ul	108635	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	93
2	Camphene	136	C10H16	000079-92-5	89
3	Bicyclo[4.1.0]heptane, 7-(1-meth...	136	C10H16	053282-47-6	62
4	1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	55
5	Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	46





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029233.D
Acq On : 14 Oct 2017 21:33
Operator : SJ/JU
Sample : I5548-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

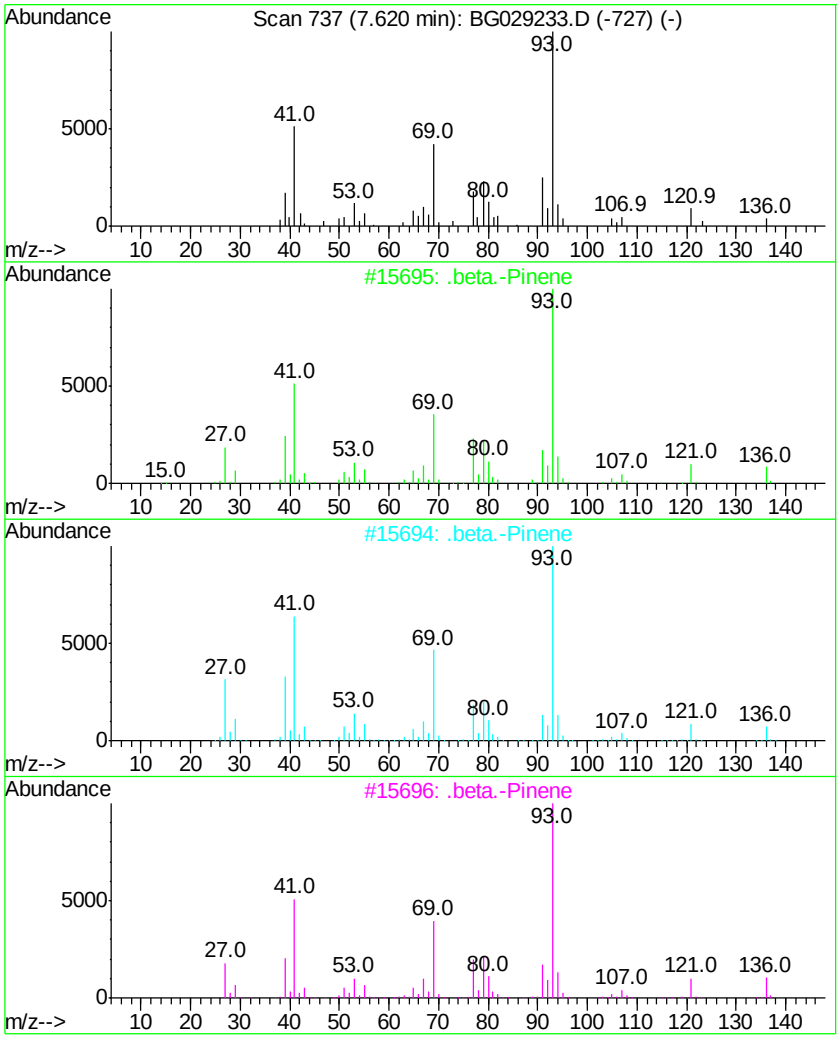
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

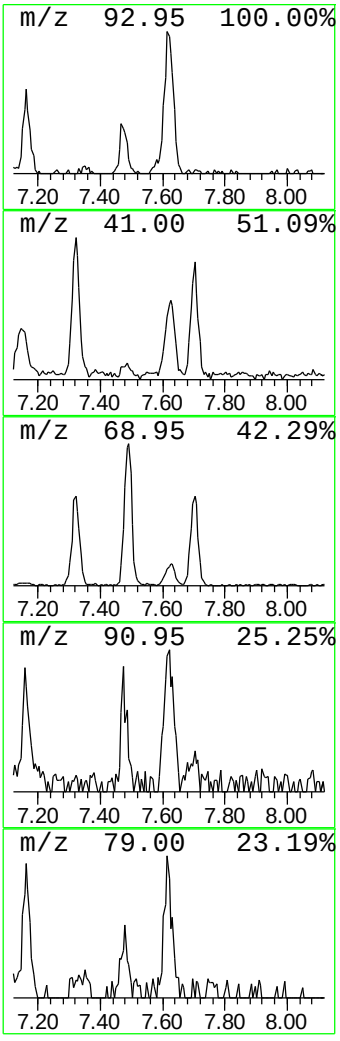
****

Peak Number 3 .beta.-Pinene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	2.17 ng/ul	77725	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	91
2	.beta.-Pinene	136	C10H16	000127-91-3	91
3	.beta.-Pinene	136	C10H16	000127-91-3	91
4	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	80
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	78





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029233.D
Acq On : 14 Oct 2017 21:33
Operator : SJ/JU
Sample : I5548-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

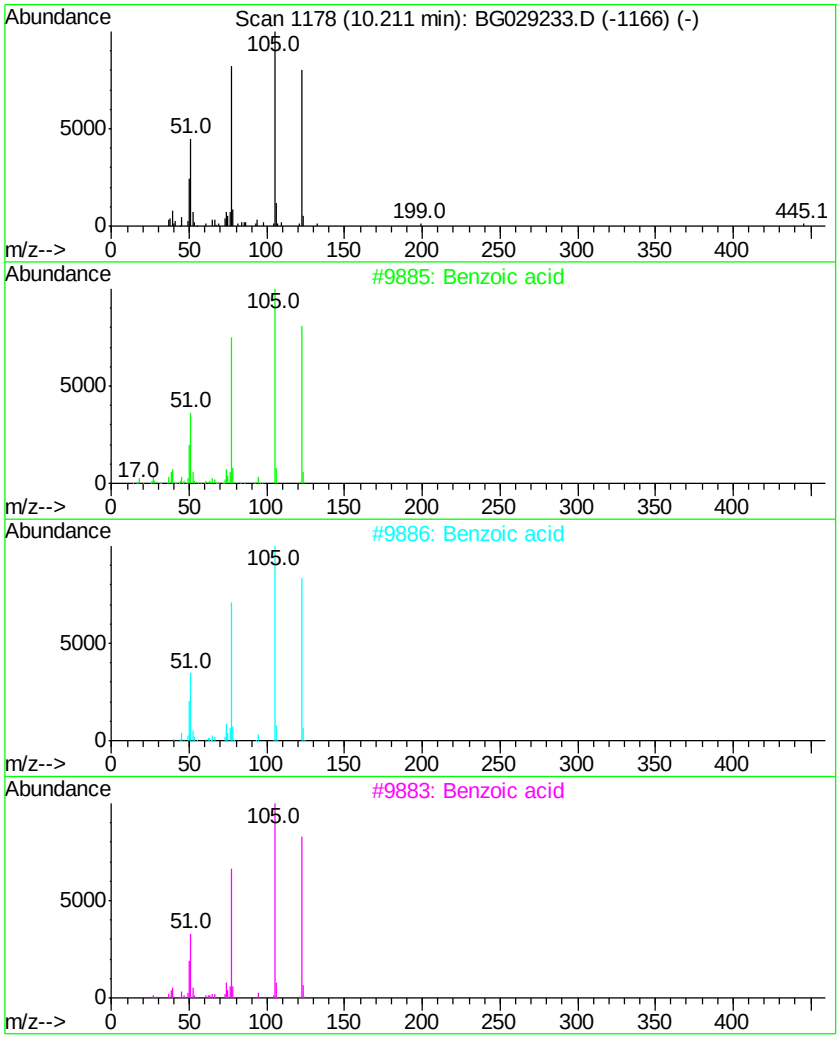
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

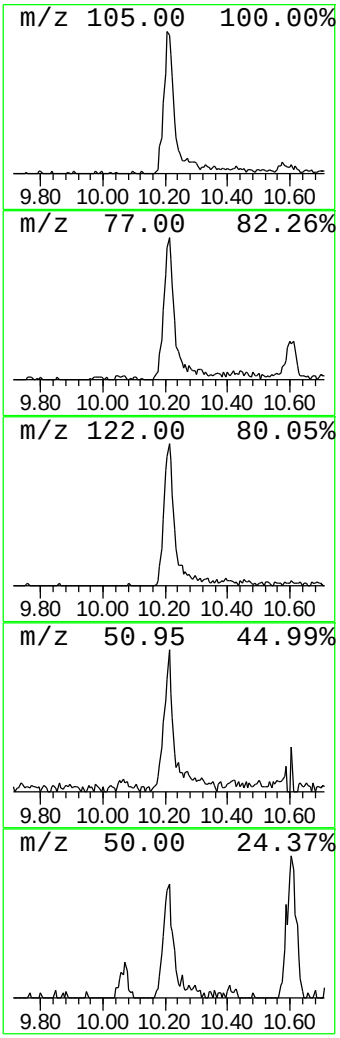
****

Peak Number 4 Benzoic acid Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	2.62 ng/ul	149270	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid	122	C7H6O2	000065-85-0	97
2	Benzoic acid	122	C7H6O2	000065-85-0	95
3	Benzoic acid	122	C7H6O2	000065-85-0	95
4	Benzoic acid	122	C7H6O2	000065-85-0	93
5	Heptanediamide, N,N'-di-benzoyloxy-	398	C21H22N2O6	1000253-26-4	90





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029233.D
Acq On : 14 Oct 2017 21:33
Operator : SJ/JU
Sample : I5548-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

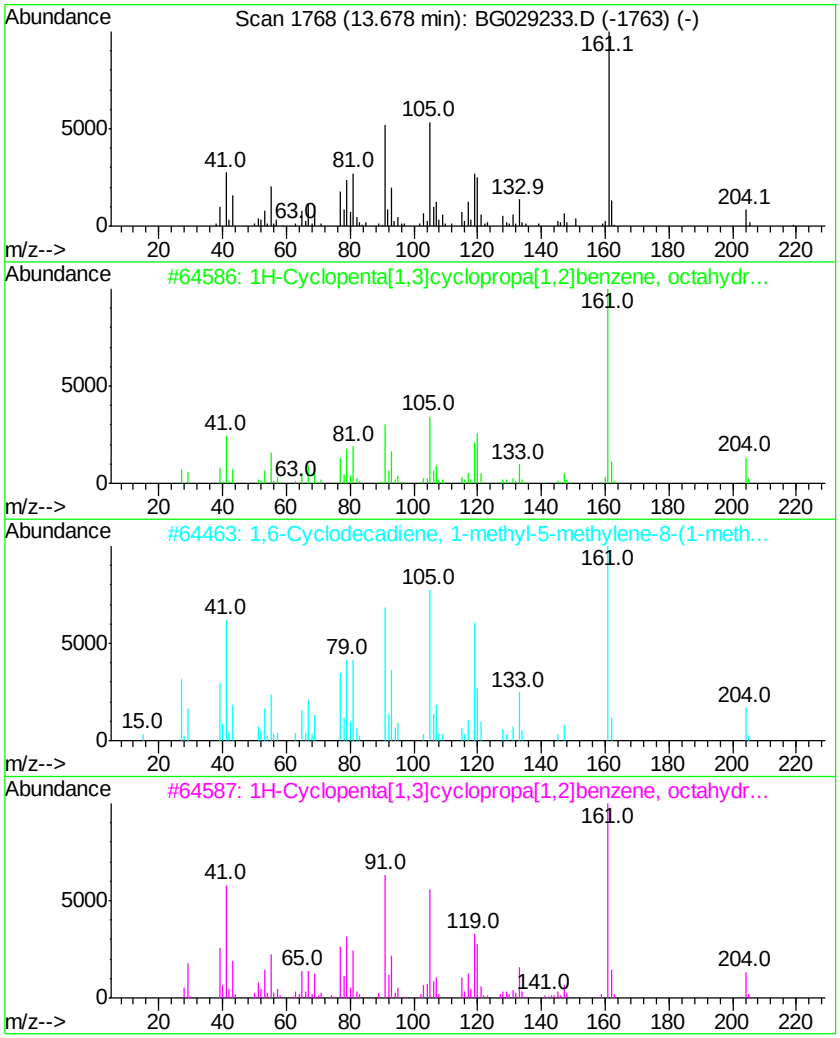
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

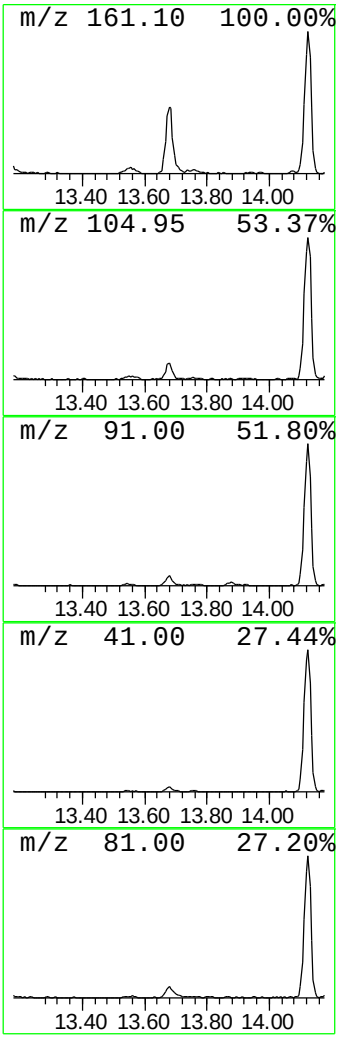
****

Peak Number 5 1H-Cyclopenta[1,3]cycloprop... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	2.77 ng/ul	212592	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	96
2	1,6-Cyclodecadiene, 1-methyl-5-m...	204	C15H24	023986-74-5	93
3	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	93
4	.beta.-copaene	204	C15H24	1000374-18-9	93
5	Bicyclo[4.4.0]dec-1-ene, 2-isopr...	204	C15H24	150320-52-8	93





Library Search Compound Report

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Operator : SJ/JU
Sample : I5548-02
Misc :
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Instrument : BNA_G
ClientSampleId : C0AB3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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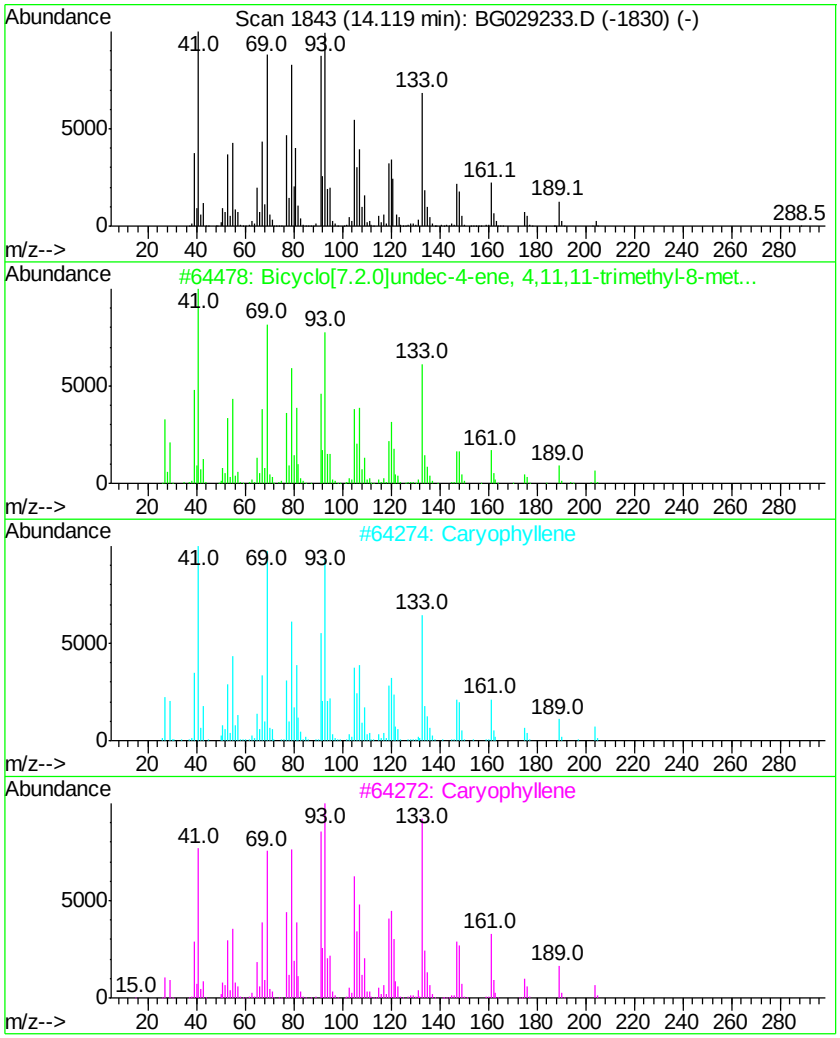
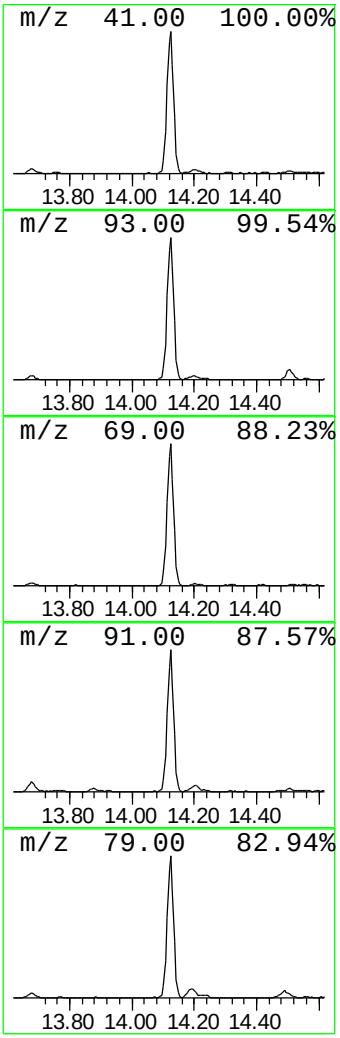
Peak Number 6 Bicyclo[7.2.0]undec-4-ene, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	45.20 ng/ul	3473170	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	91
2	Caryophyllene	204	C15H24	000087-44-5	90
3	Caryophyllene	204	C15H24	000087-44-5	90
4	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	90
5	Caryophyllene	204	C15H24	000087-44-5	87





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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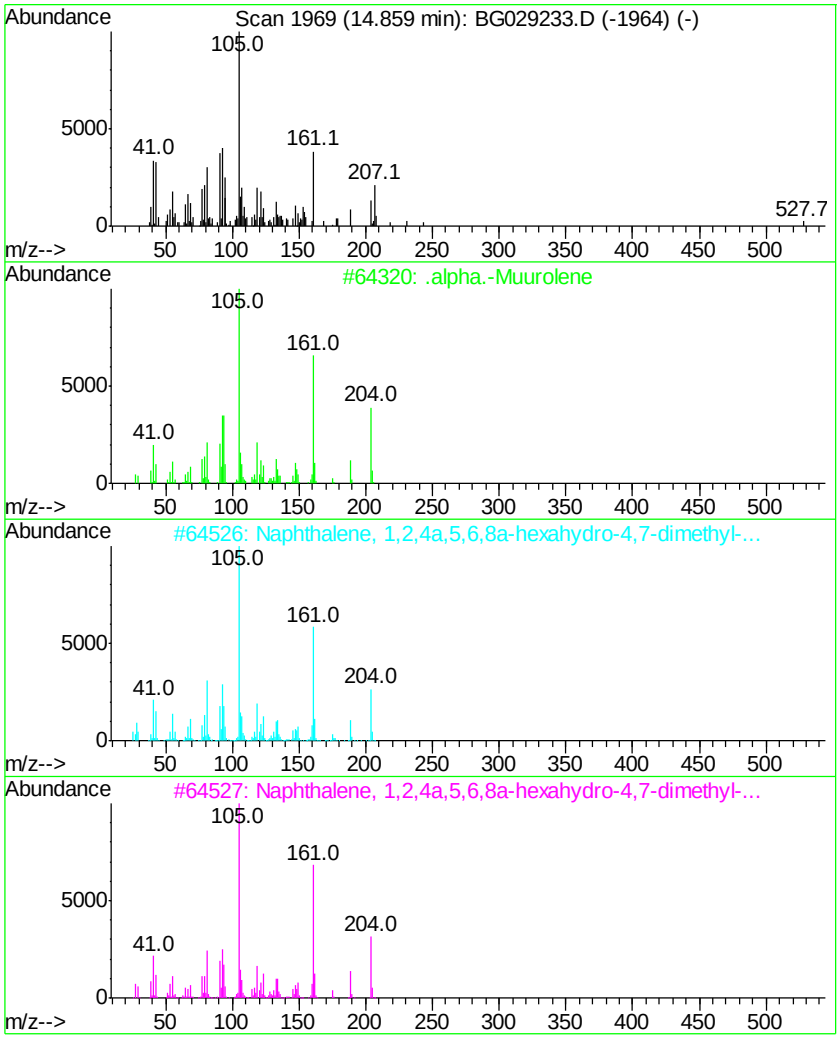
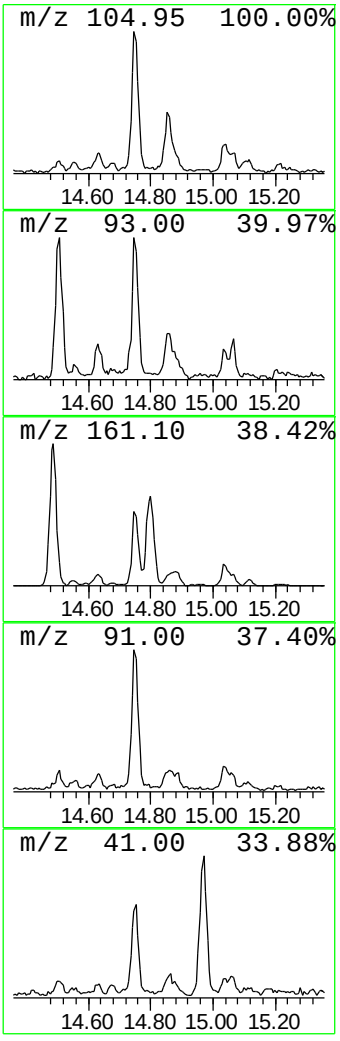
Peak Number 7 .alpha.-Muurolene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	2.65 ng/ul	203709	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Muurolene	204	C15H24	031983-22-9	78
2	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	017627-24-6	68
3	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	024406-05-1	64
4	.alpha.-Muurolene	204	C15H24	010208-80-7	60
5	.alpha.-Muurolene	204	C15H24	031983-22-9	60





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Misc :
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Instrument : BNA_G
ClientSampleId : C0AB3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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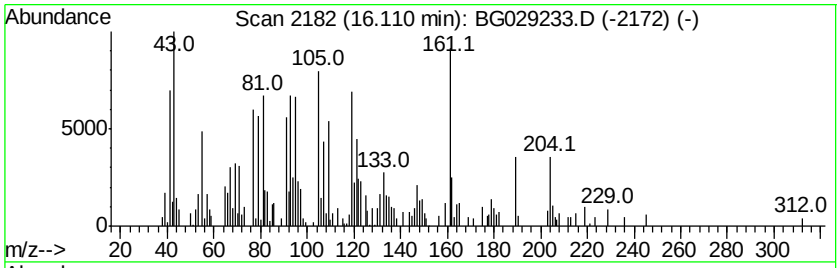
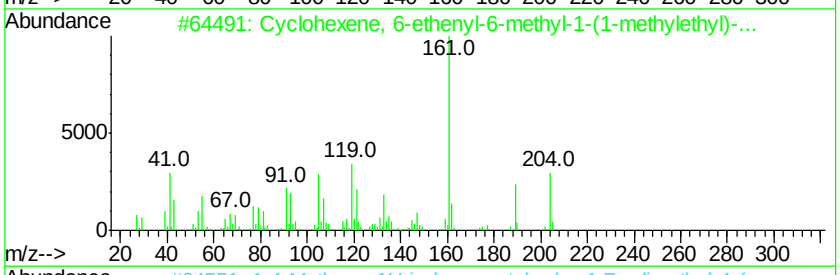
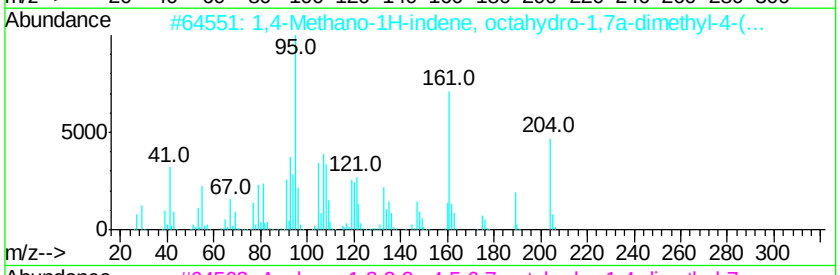
Peak Number 8 Cyclohexene, 6-ethenyl-6-me... Concentration Rank 28

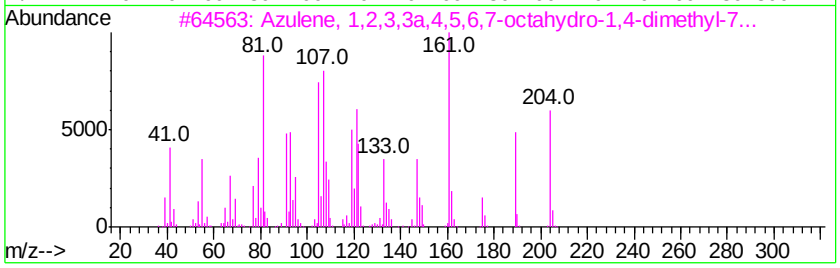
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	2.14 ng/ul	164084	Acenaphthene-d10	14.79

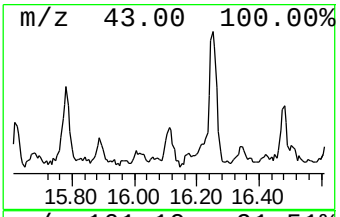
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 6-ethenyl-6-methyl-...	204	C15H24	005951-67-7	96
2	1,4-Methano-1H-indene, octahydro...	204	C15H24	087064-18-4	89
3	Azulene, 1,2,3,3a,4,5,6,7-octahy...	204	C15H24	022567-17-5	78
4	1H-Cycloprop[e]azulene, decahydr...	204	C15H24	072747-25-2	70
5	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	60

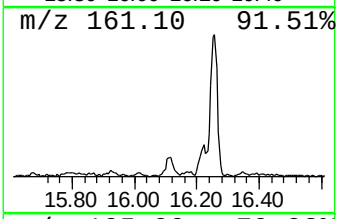


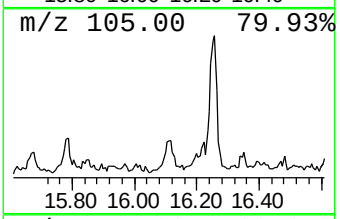


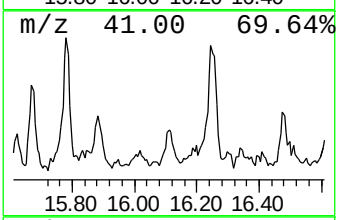


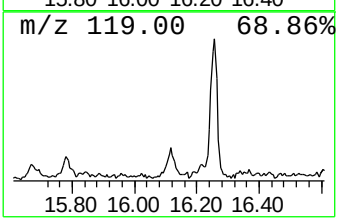












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Acq On : 14 Oct 2017 21:33
Operator : SJ/JU
Sample : I5548-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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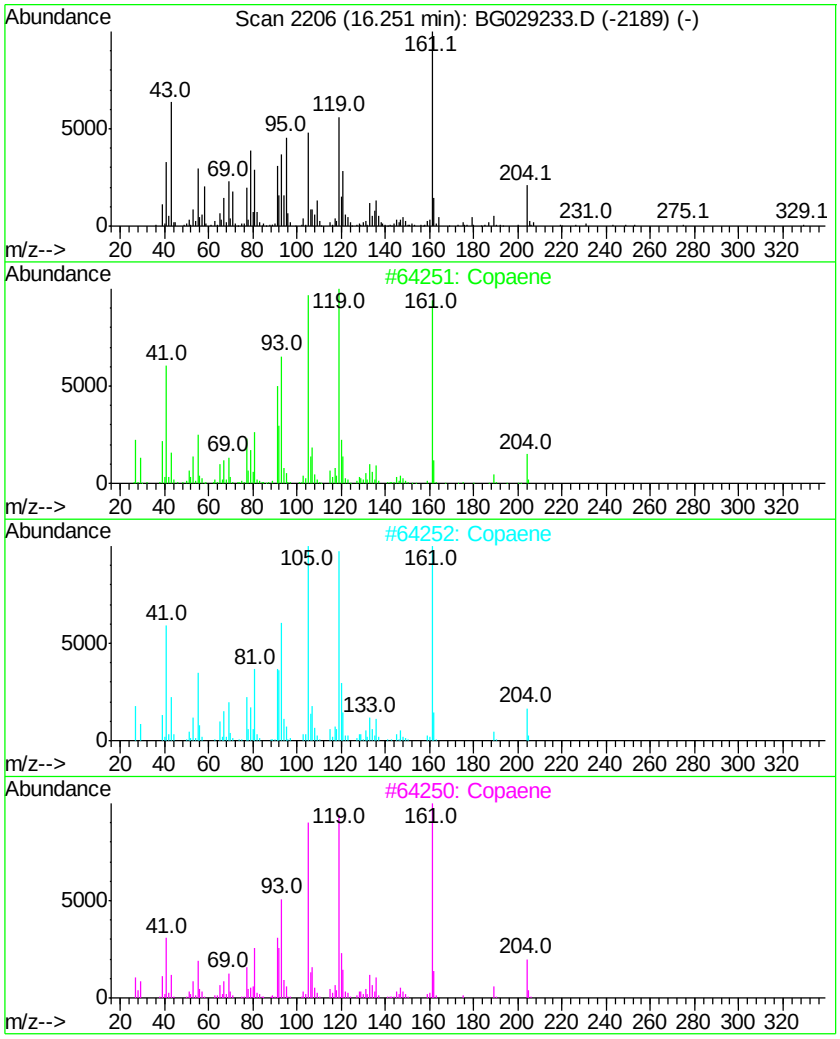
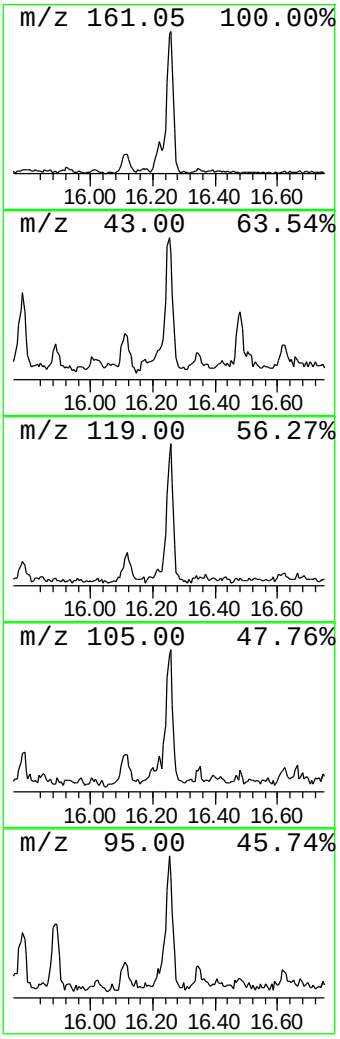
Peak Number 9 Copaene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	6.10 ng/ul	534705	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Copaene	204	C15H24	003856-25-5	93
2	Copaene	204	C15H24	003856-25-5	91
3	Copaene	204	C15H24	003856-25-5	83
4	.gamma.-Muurolene	204	C15H24	030021-74-0	68
5	.gamma.-Muurolene	204	C15H24	030021-74-0	64





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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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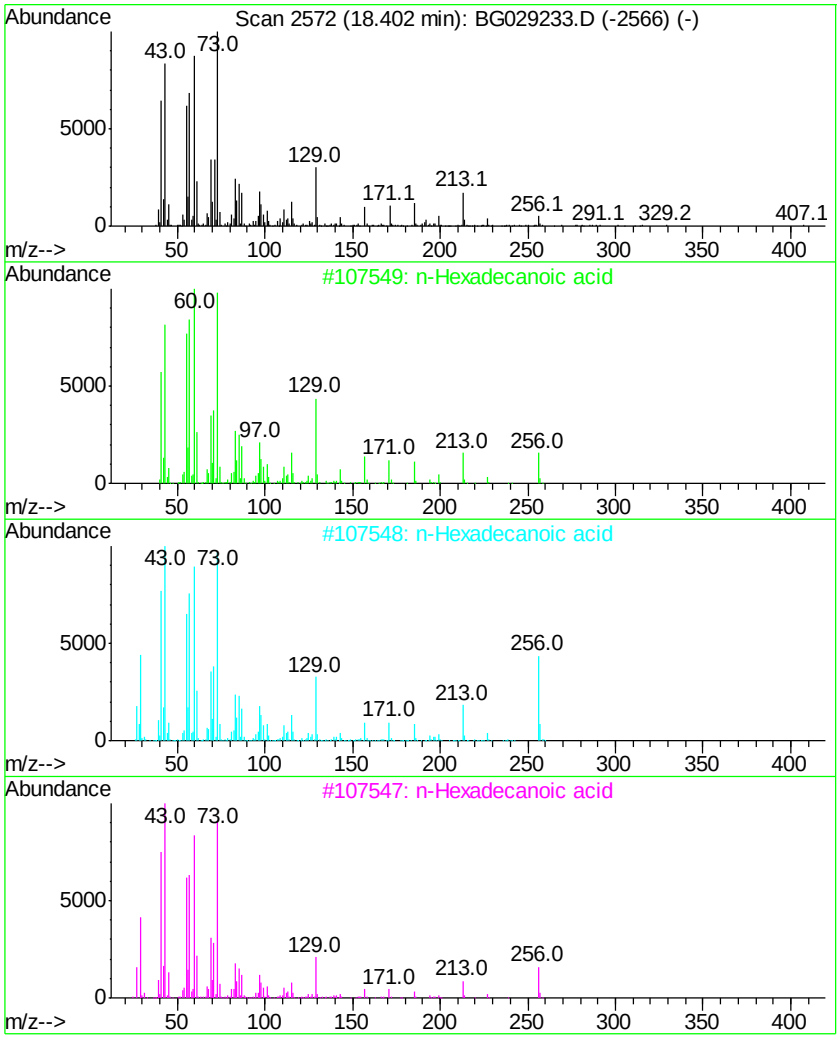
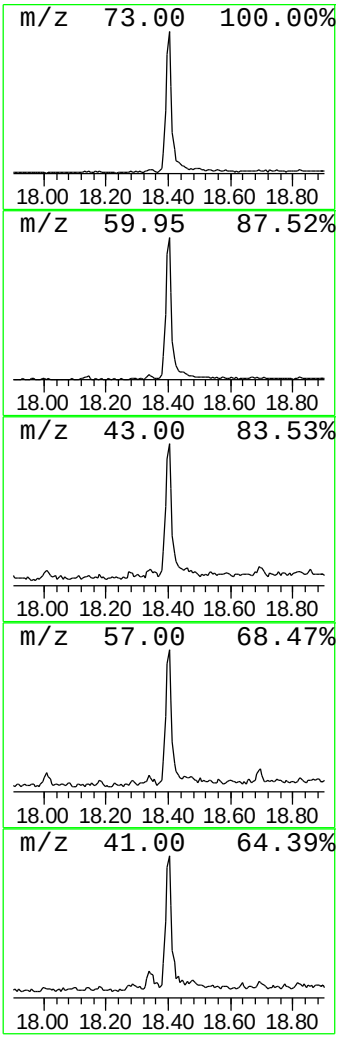
Peak Number 10 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	7.82 ng/ul	686010	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





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Misc :
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Instrument : BNA_G
ClientSampleId : C0AB3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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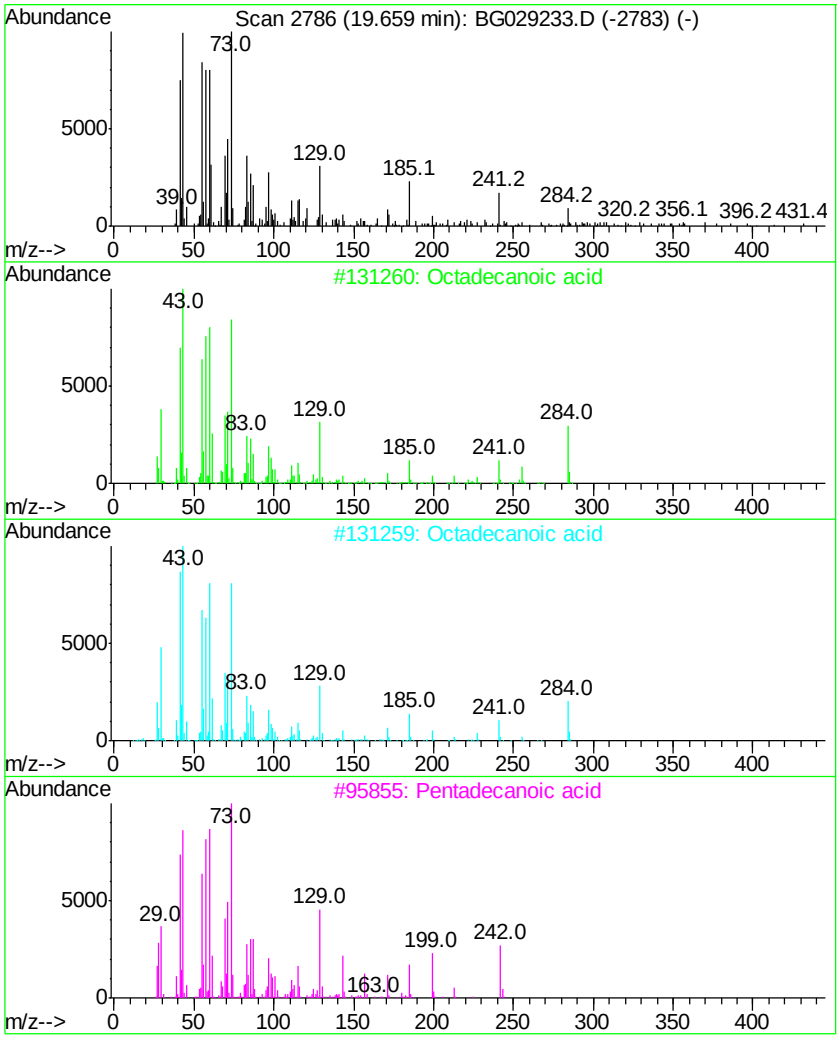
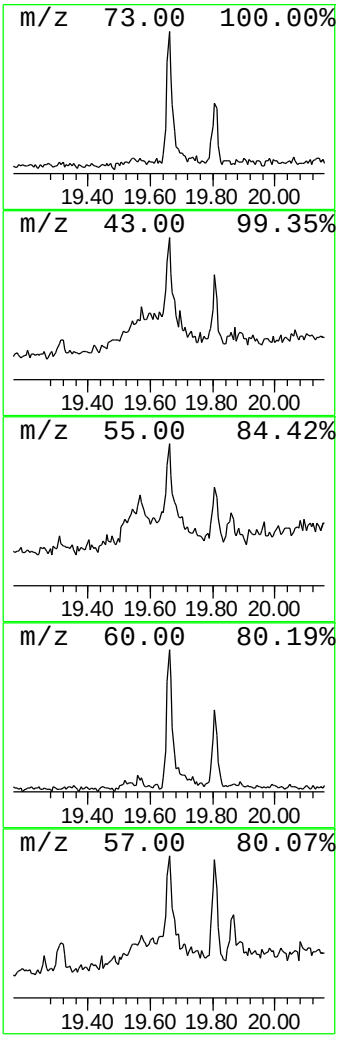
Peak Number 11 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	5.68 ng/ul	498627	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Sample : I5548-02
Misc :
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Instrument : BNA_G
ClientSampleId : C0AB3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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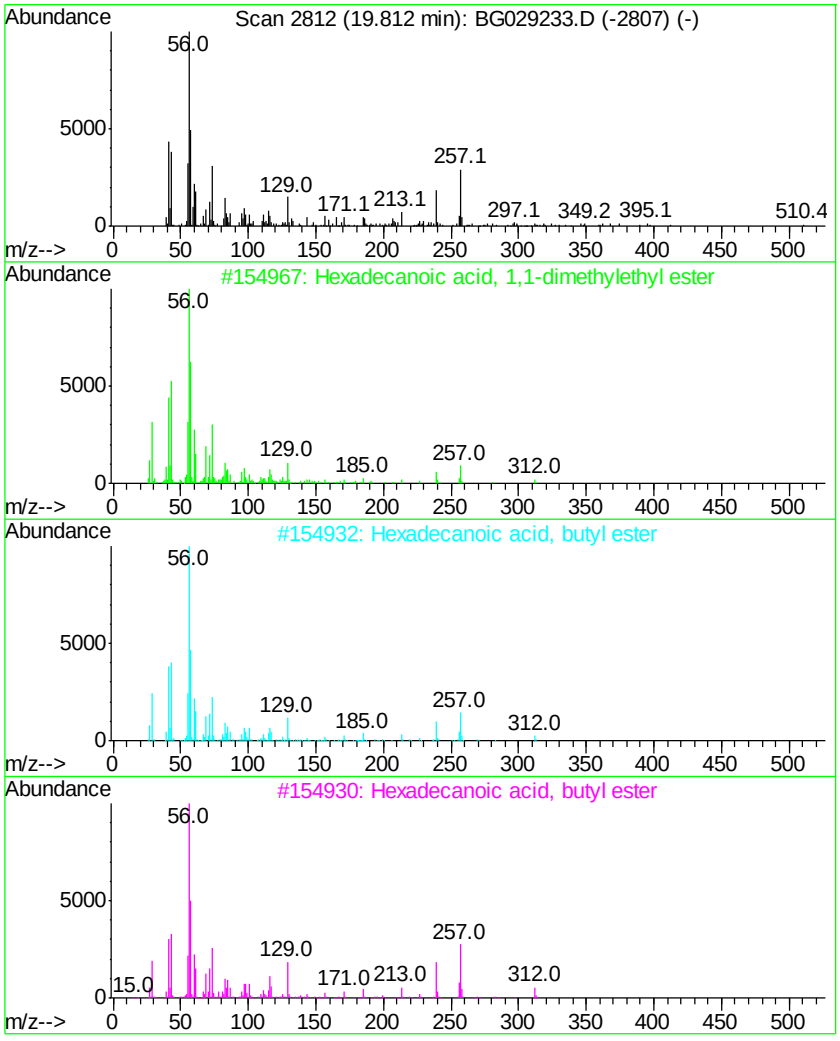
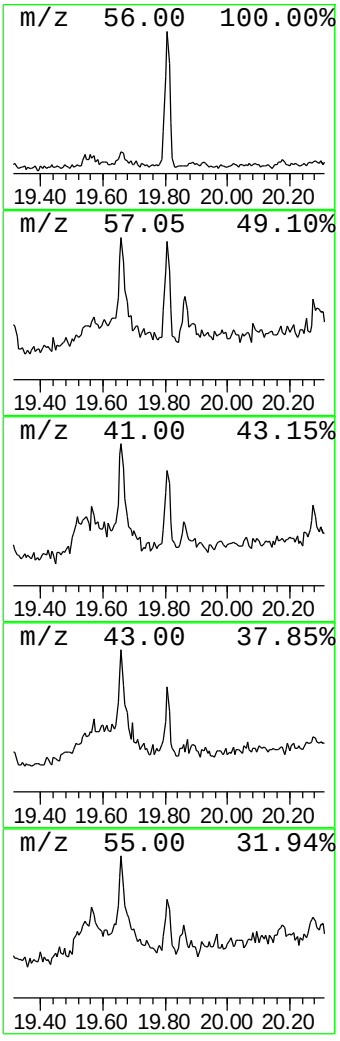
Peak Number 12 Hexadecanoic acid, 1,1-dime... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	2.09 ng/ul	180544	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	93
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
3	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	53
4	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	43
5	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	38





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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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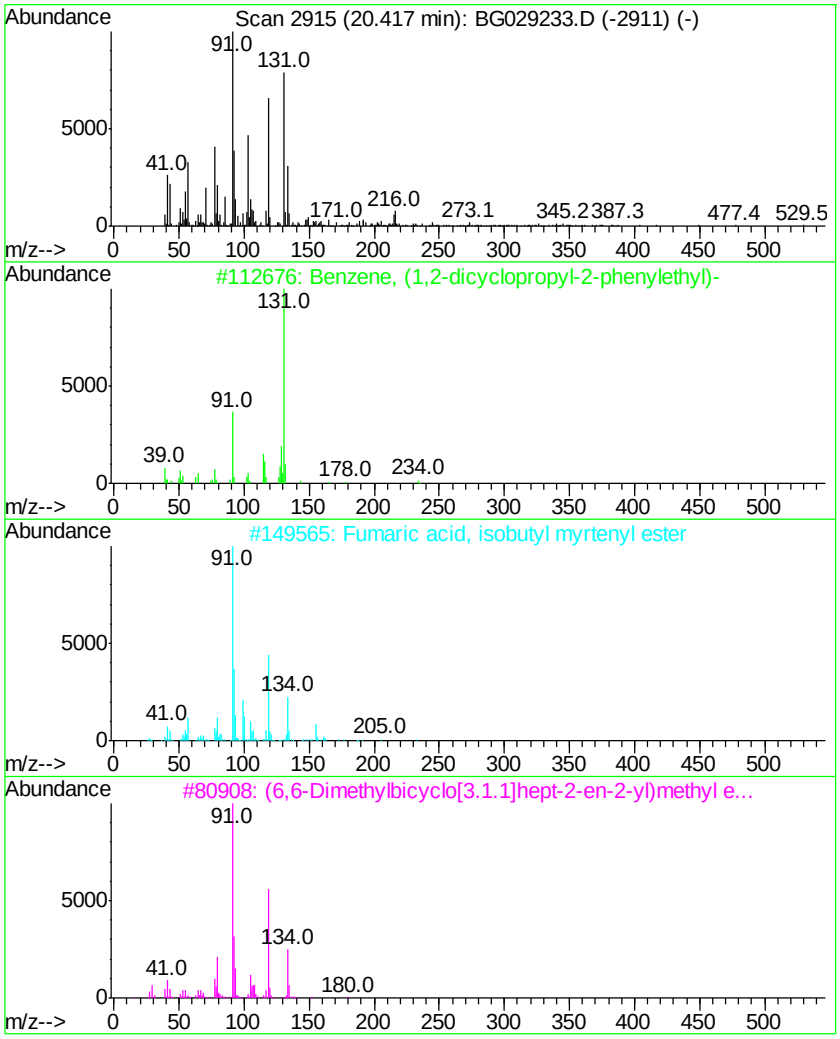
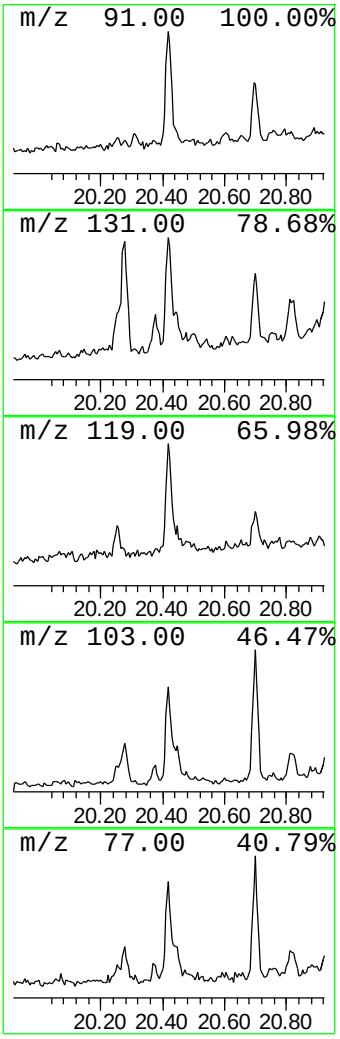
Peak Number 13 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.42	4.81 ng/ul	415771	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dicyclopropyl-2-ph...	262	C20H22	110330-90-0	38
2	Fumaric acid, isobutyl myrtenyl ...	306	C18H26O4	1000348-81-1	30
3	(6,6-Dimethylbicyclo[3.1.1]hept-...	224	C13H20O3	1000373-80-4	30
4	Myrtenyl acetate	194	C12H18O2	001079-01-2	27
5	Fumaric acid, isohexyl myrtenyl ...	334	C20H30O4	1000348-81-4	27





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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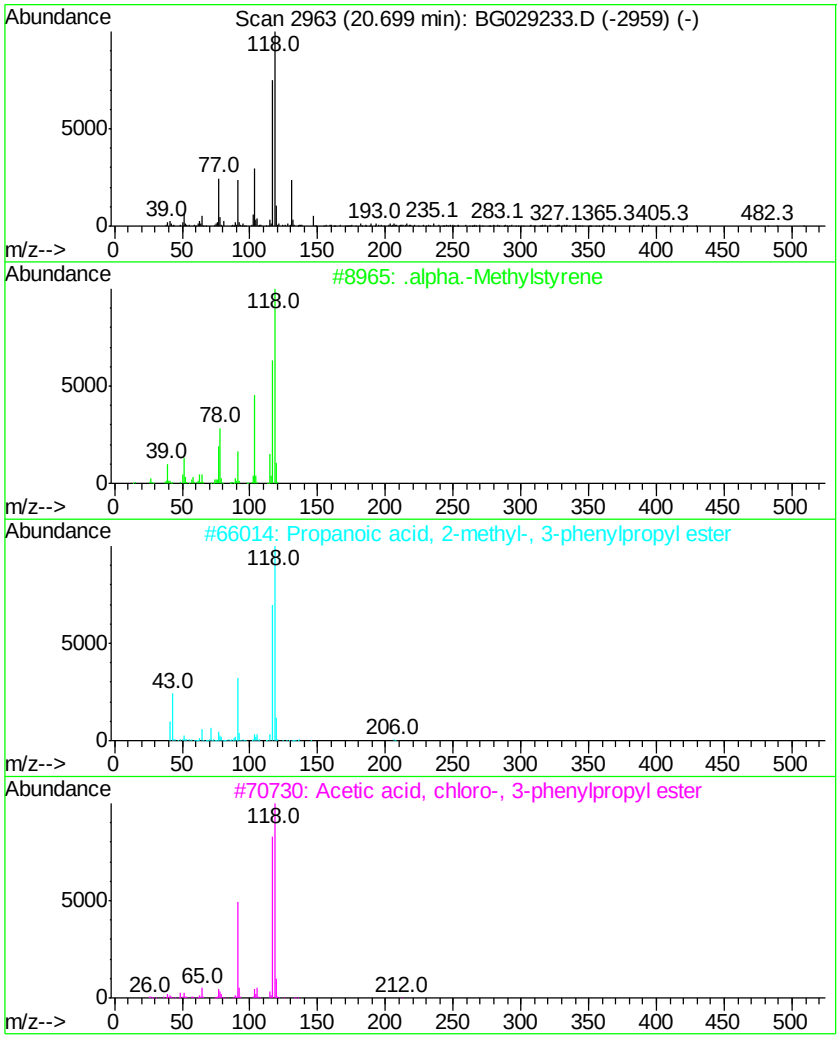
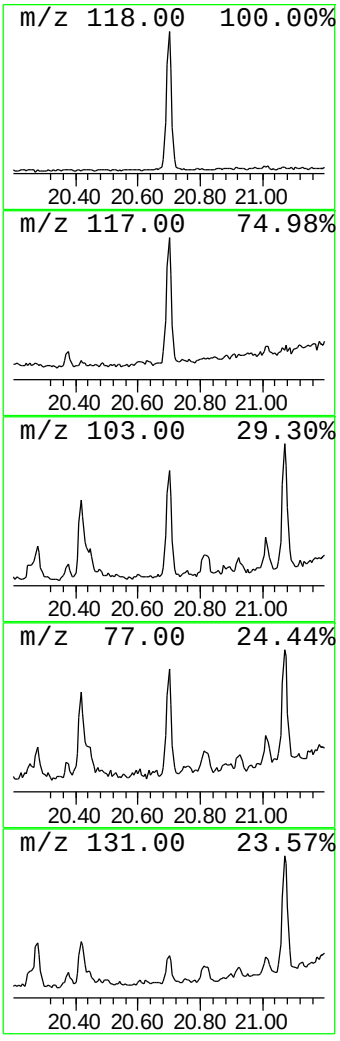
Peak Number 14 .alpha.-Methylstyrene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	4.00 ng/ul	345600	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	64
2	Propanoic acid, 2-methyl-, 3-phe...	206	C13H18O2	000103-58-2	58
3	Acetic acid, chloro-, 3-phenylpr...	212	C11H13ClO2	064046-48-6	53
4	Butanoic acid, 3-phenylpropyl ester	206	C13H18O2	007402-29-1	53
5	.alpha.-Methyl-.alpha.-phenylsuc...	189	C11H11NO2	001497-17-2	53





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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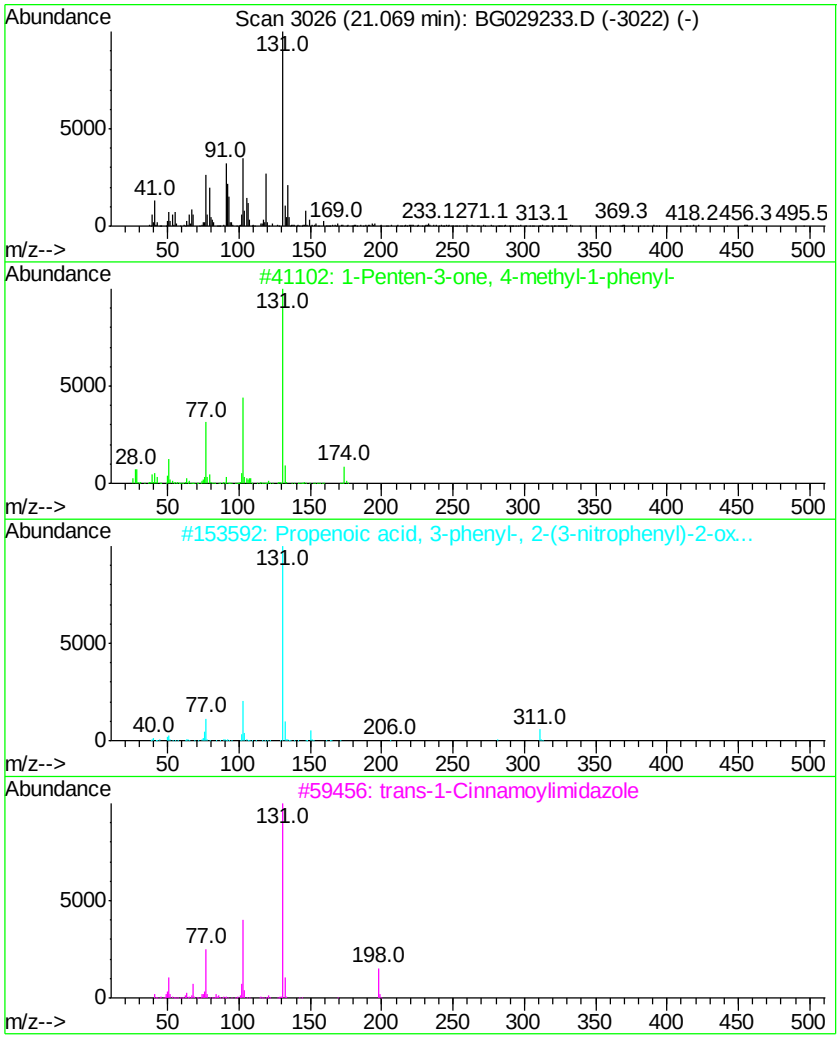
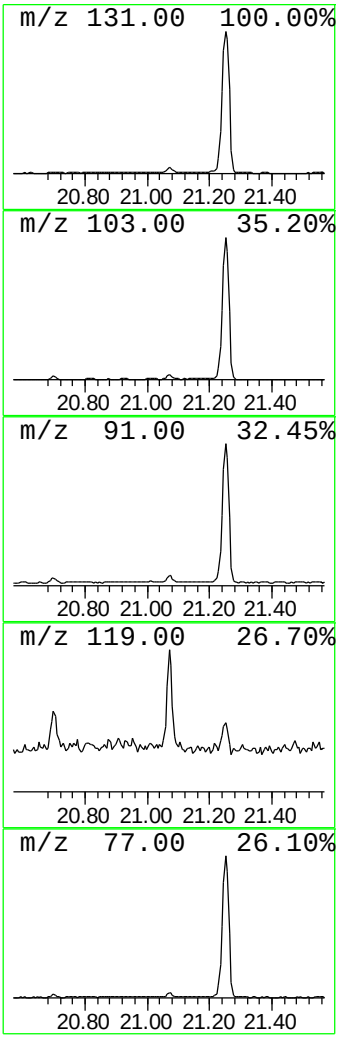
Peak Number 15 unknown-02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	4.34 ng/ul	374946	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-one, 4-methyl-1-phenyl-	174	C12H14O	003160-32-5	47
2	Propenoic acid, 3-phenyl-, 2-(3-...	311	C17H13NO5	1000264-14-5	43
3	trans-1-Cinnamoylimidazole	198	C12H10N2O	001138-15-4	43
4	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	43
5	p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	43





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Sample : I5548-02
Misc :
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Instrument : BNA_G
ClientSampleId : C0AB3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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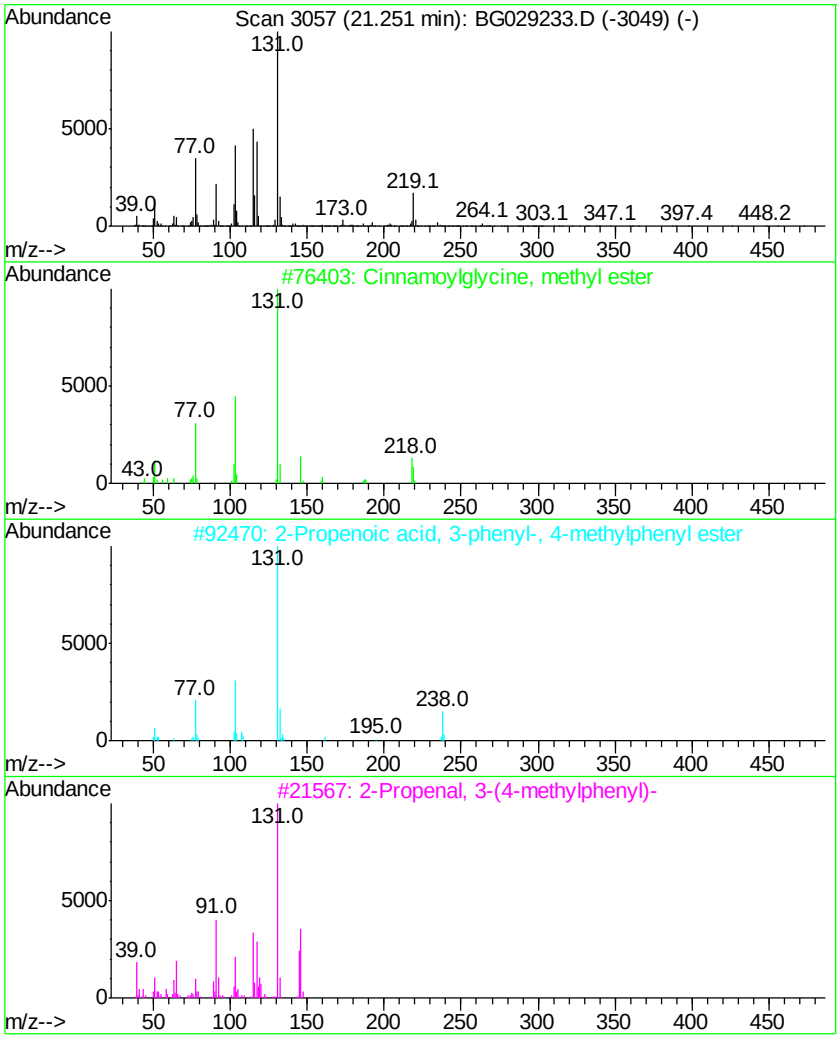
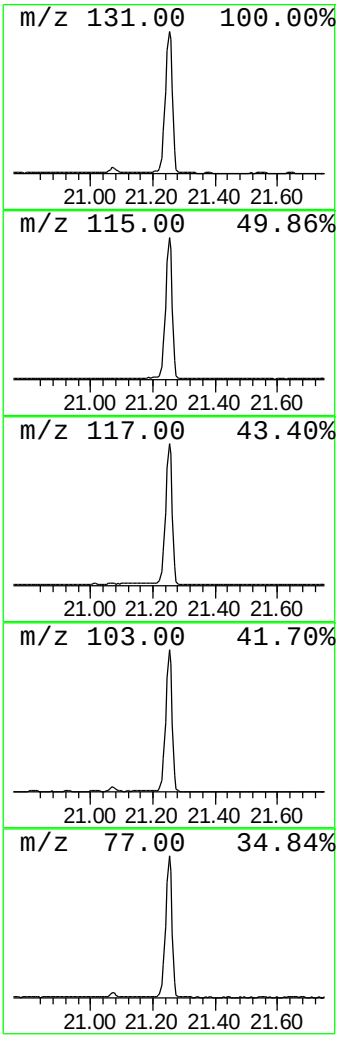
Peak Number 16 Cinnamoylglycine, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.25	145.56 ng/ul	12582500	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	64
2	2-Propenoic acid, 3-phenyl-, 4-m...	238	C16H14O2	010519-07-0	60
3	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	56
4	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	49
5	3-Butenoic acid, 2-oxo-4-phenyl-	176	C10H8O3	1000142-21-0	49





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Instrument : BNA_G
ClientSampleId : C0AB3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

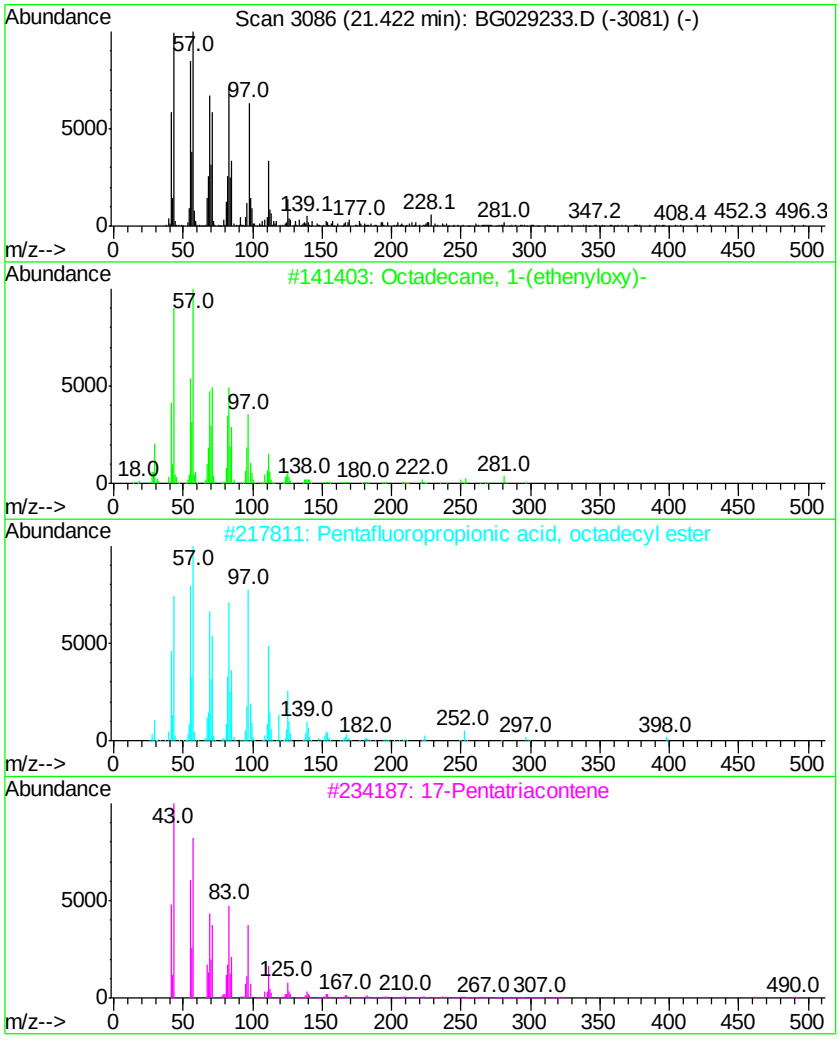
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

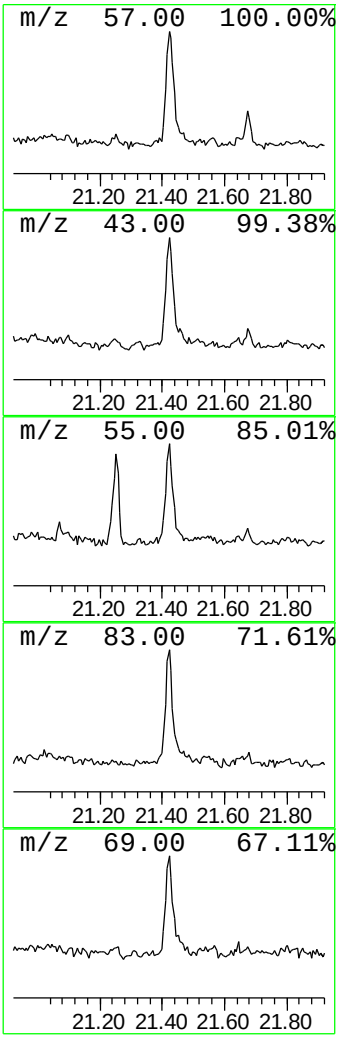
****

Peak Number 17 Octadecane, 1-(ethenyloxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	7.55 ng/ul	652464	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	94
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	Cyclooctacosane	392	C28H56	000297-24-5	91
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91





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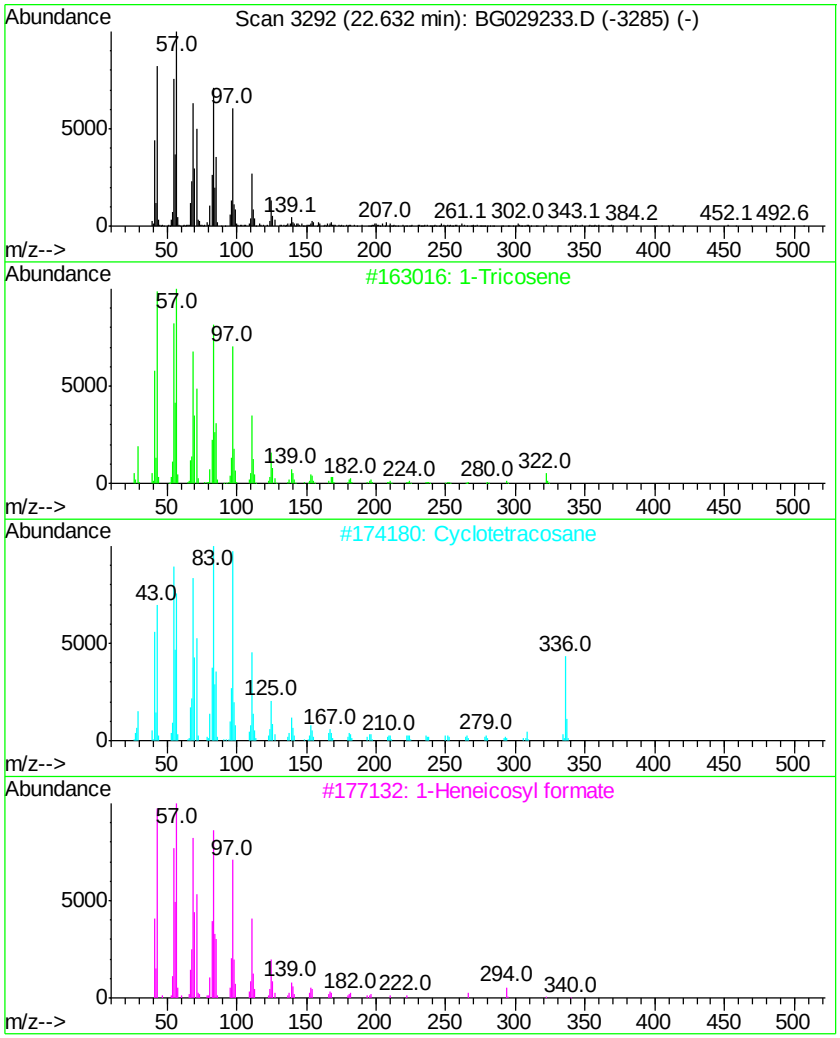
Quant Title : SVOA CALIBRATION

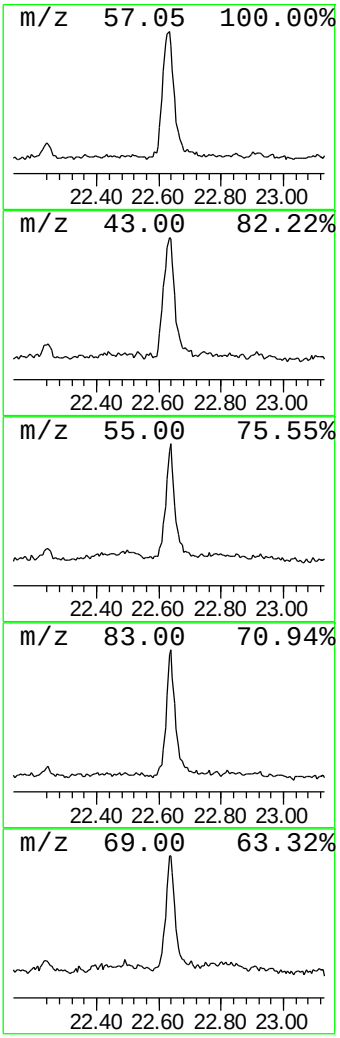
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	18.42 ng/ul	1592410	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	97
2	Cyclotetracosane	336	C24H48	000297-03-0	97
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91





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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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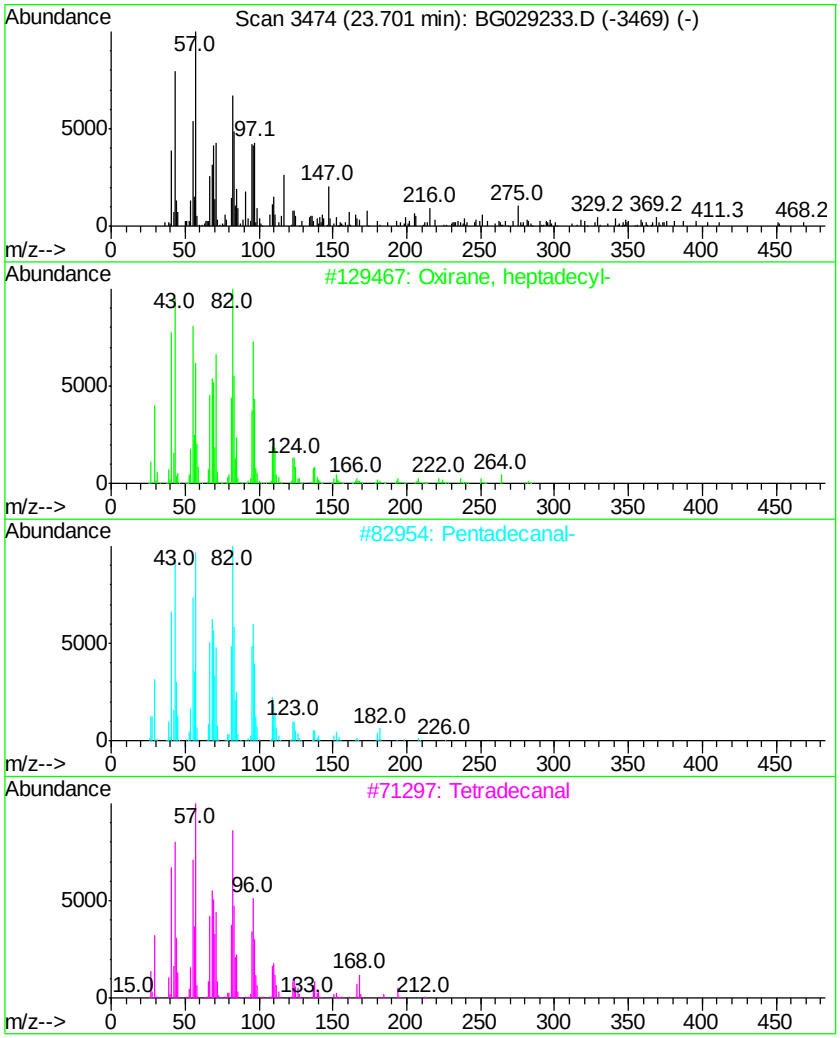
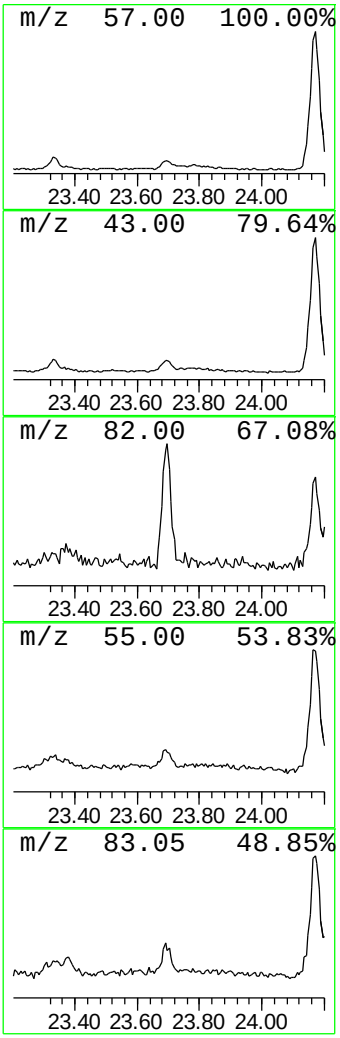
Peak Number 19 Oxirane, heptadecyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.70	2.67 ng/ul	304255	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	89
2	Pentadecanal-	226	C15H30O	002765-11-9	78
3	Tetradecanal	212	C14H28O	000124-25-4	78
4	1,19-Eicosadiene	278	C20H38	014811-95-1	72
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	64





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Instrument : BNA_G
ClientSampleId : C0AB3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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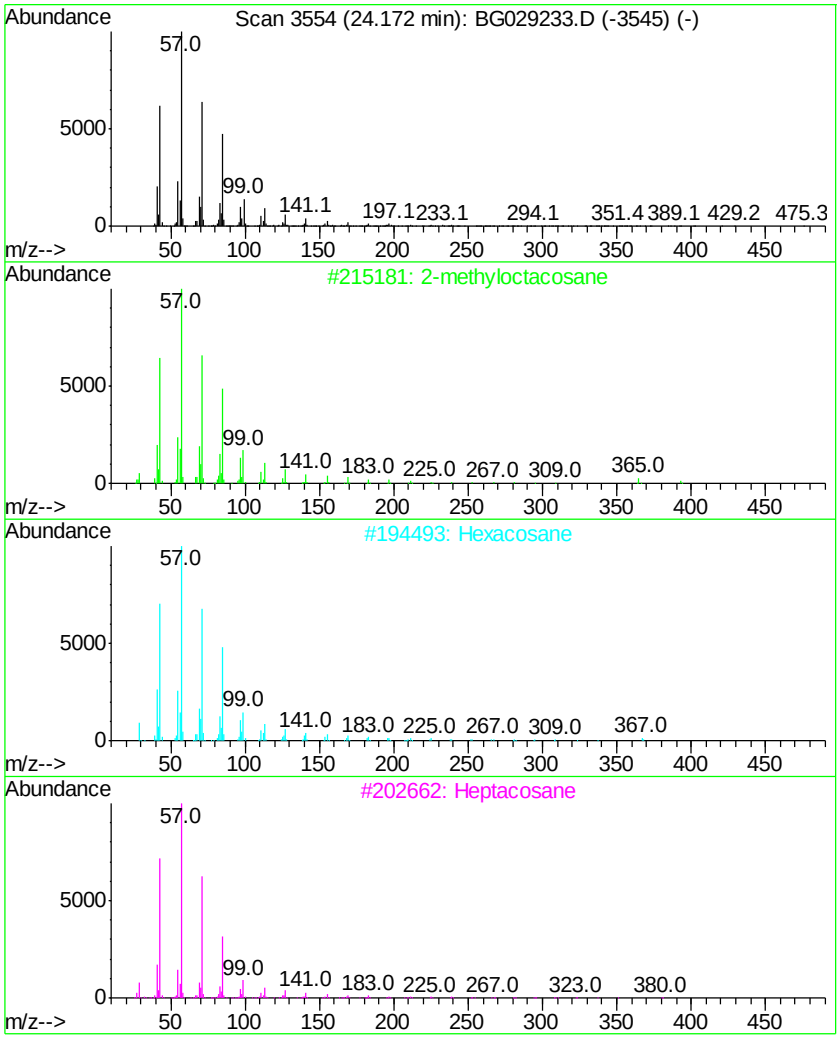
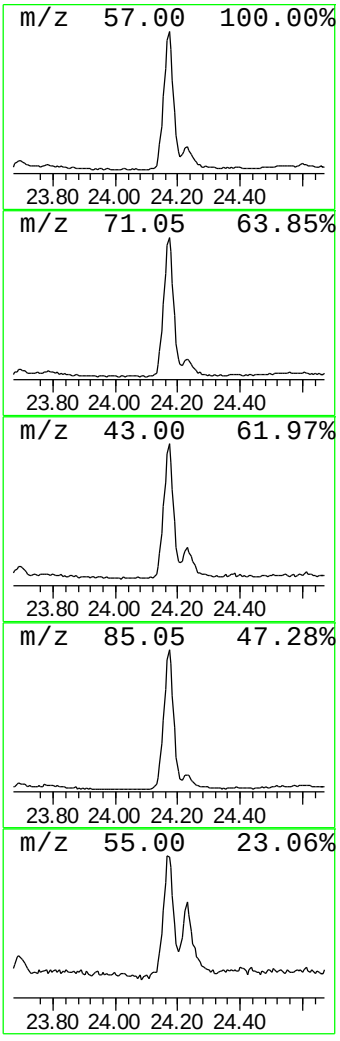
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.17	24.88 ng/ul	2833560	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87





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Instrument : BNA_G
ClientSampleId : C0AB3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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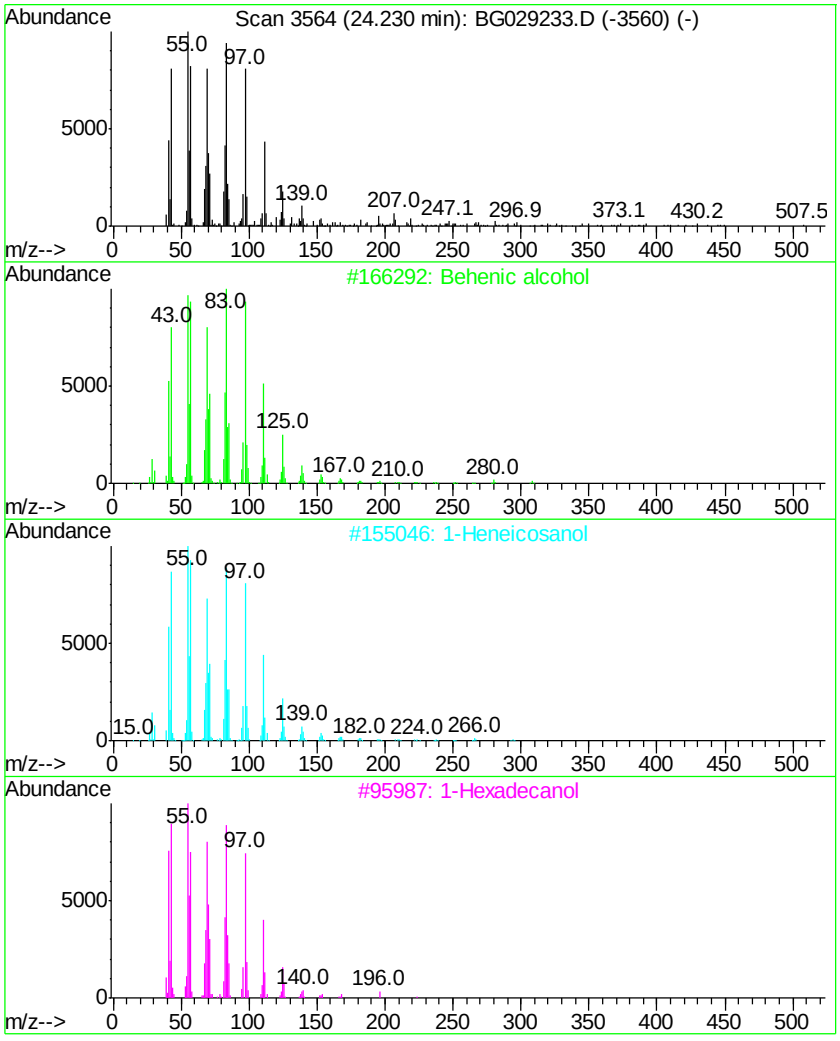
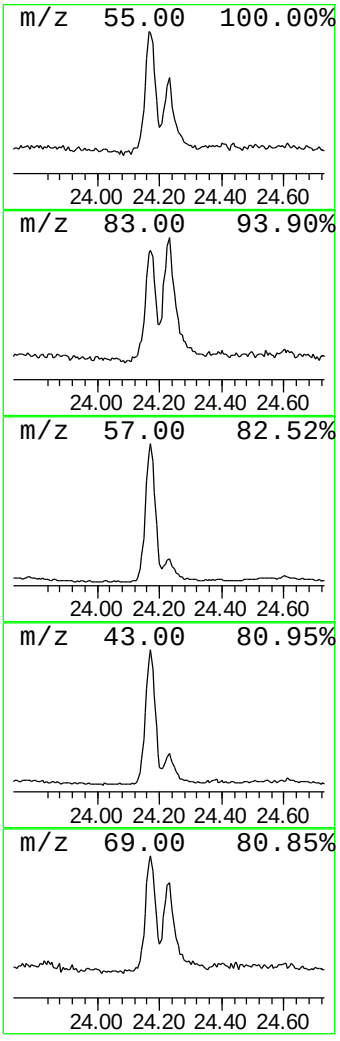
Peak Number 21 Behenic alcohol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	8.63 ng/ul	983179	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	86
4	17-Pentatriacontene	491	C35H70	006971-40-0	80
5	1-Eicosanol	298	C20H42O	000629-96-9	68





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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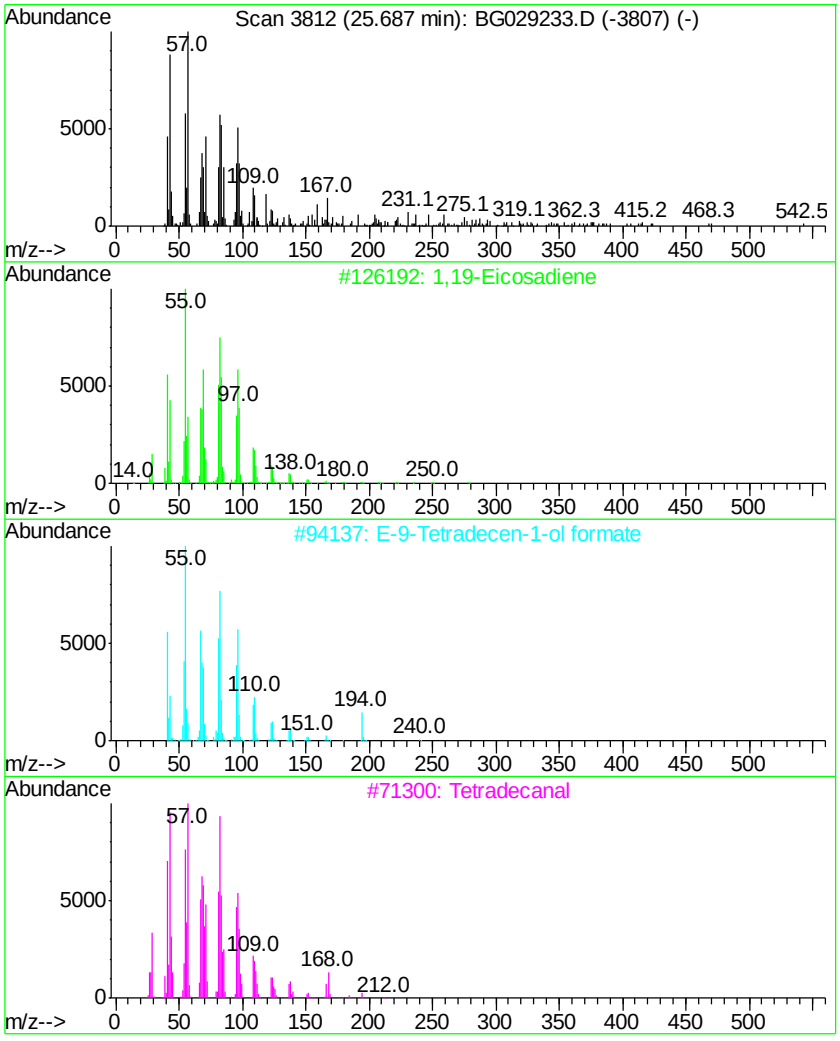
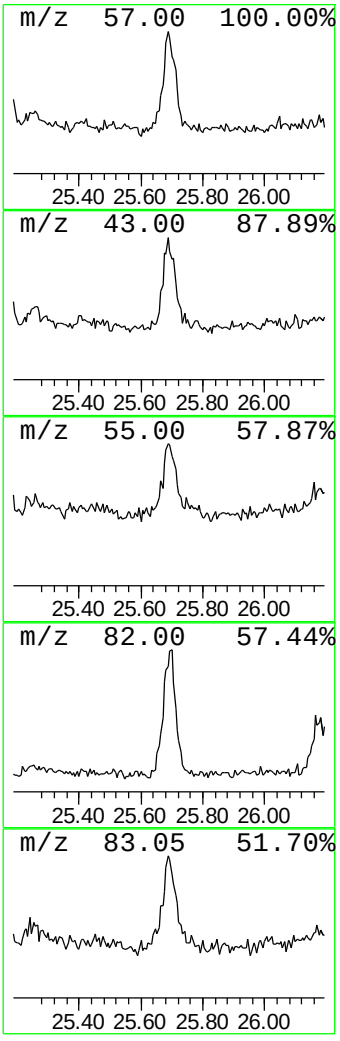
Peak Number 22 1,19-Eicosadiene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.69	6.27 ng/ul	714751	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	68
2	E-9-Tetradecen-1-ol formate	240	C15H28O2	1000130-78-2	64
3	Tetradecanal	212	C14H28O	000124-25-4	62
4	E-12-Tetradecen-1-ol	212	C14H28O	1000130-83-6	53
5	1,13-Tetradecadiene	194	C14H26	021964-49-8	53





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Misc :
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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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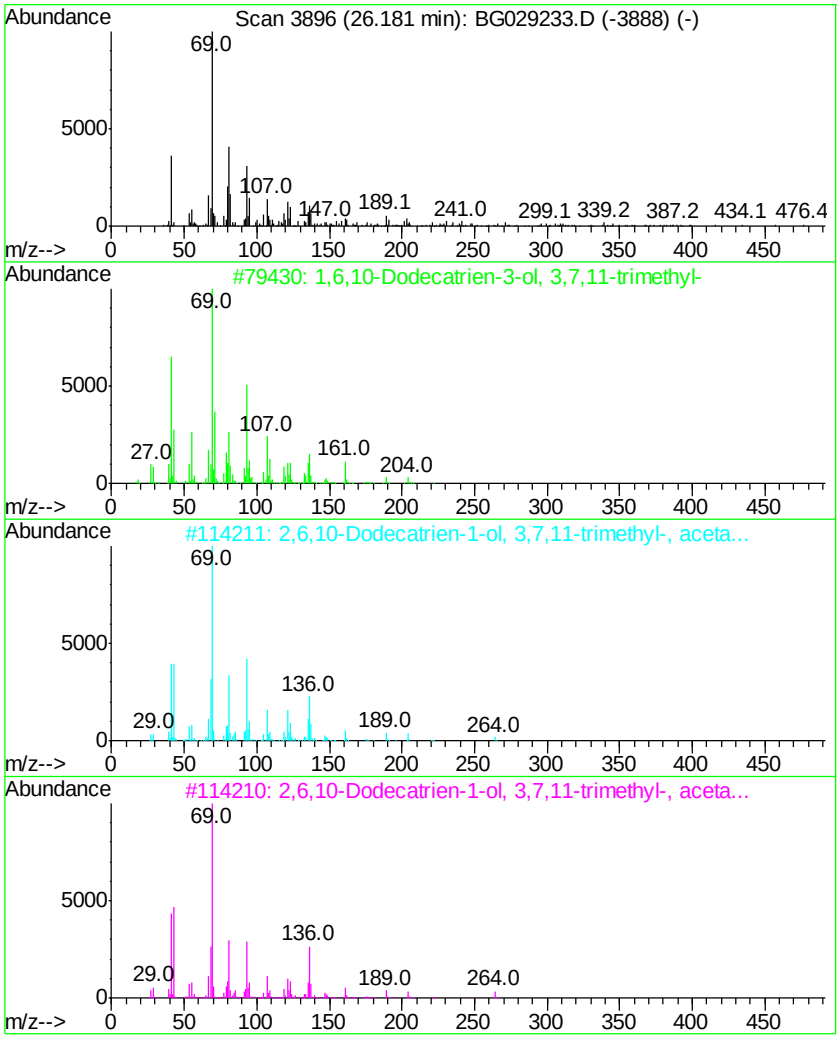
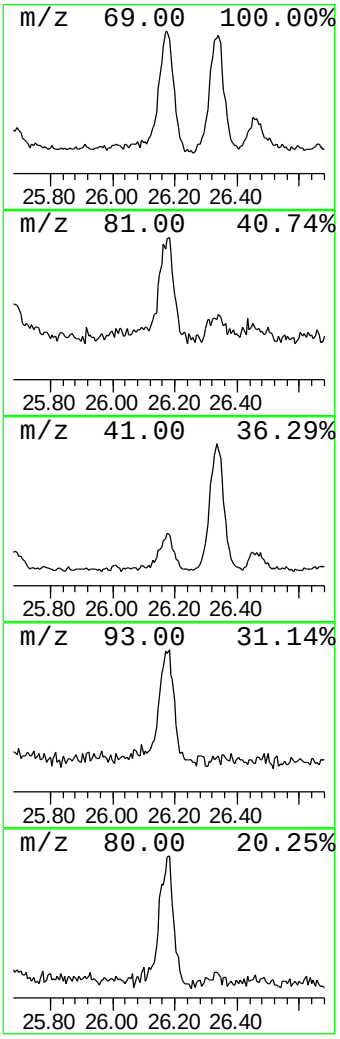
Peak Number 23 1,6,10-Dodecatrien-3-ol, 3,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.18	6.75 ng/ul	769180	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6,10-Dodecatrien-3-ol, 3,7,11-...	222	C15H26O	007212-44-4	86
2	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	86
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	80
4	Farnesol (E), methyl ether	236	C16H28O	1000352-67-3	78
5	Carbonic acid, methyl ester, [(E...	280	C17H28O3	1000164-38-7	72





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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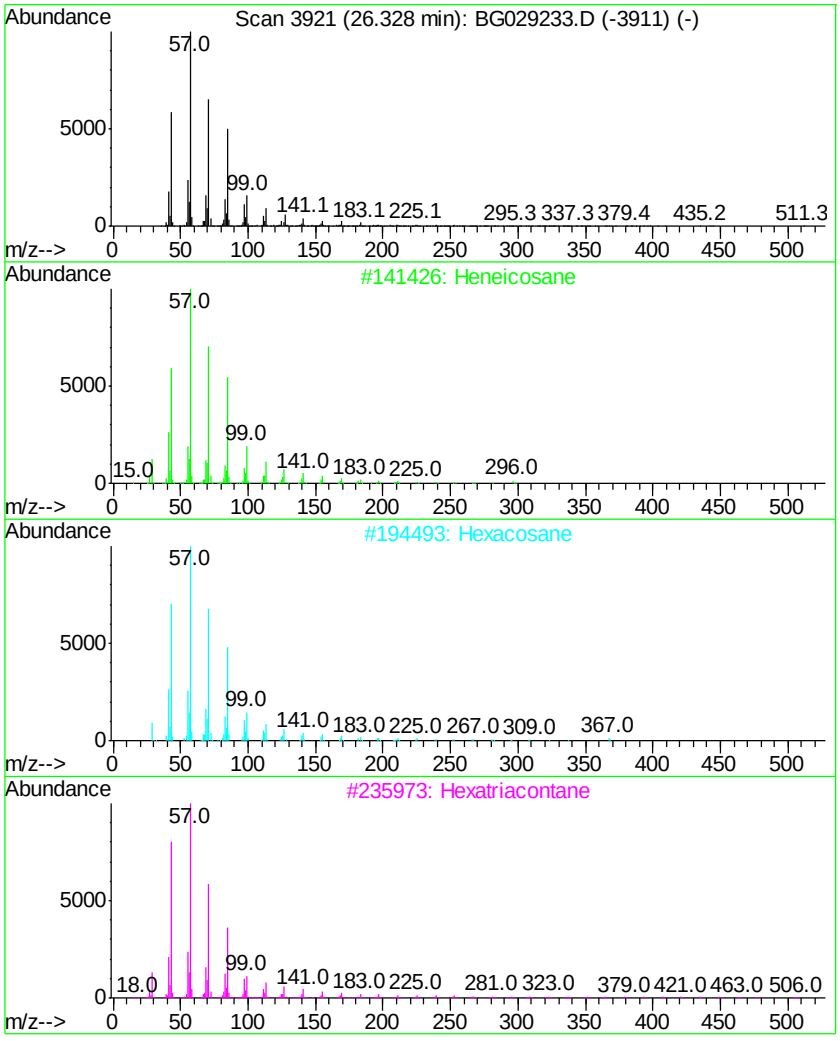
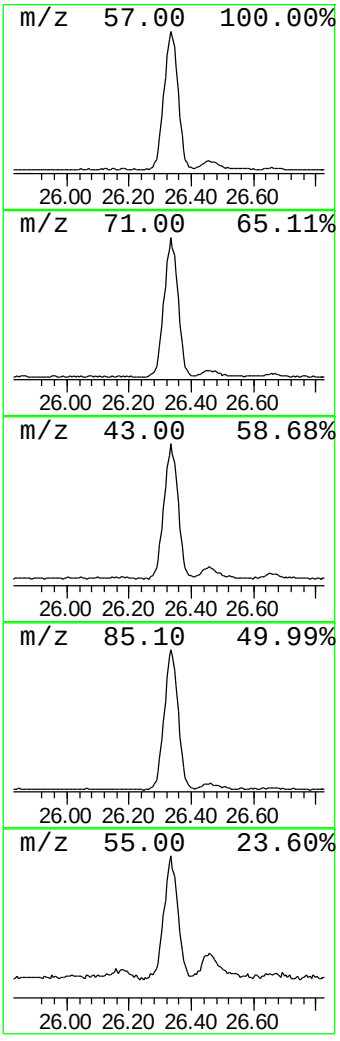
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.33	38.22 ng/ul	4353070	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Hexatriacontane	507	C36H74	000630-06-8	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Octacosane	394	C28H58	000630-02-4	83





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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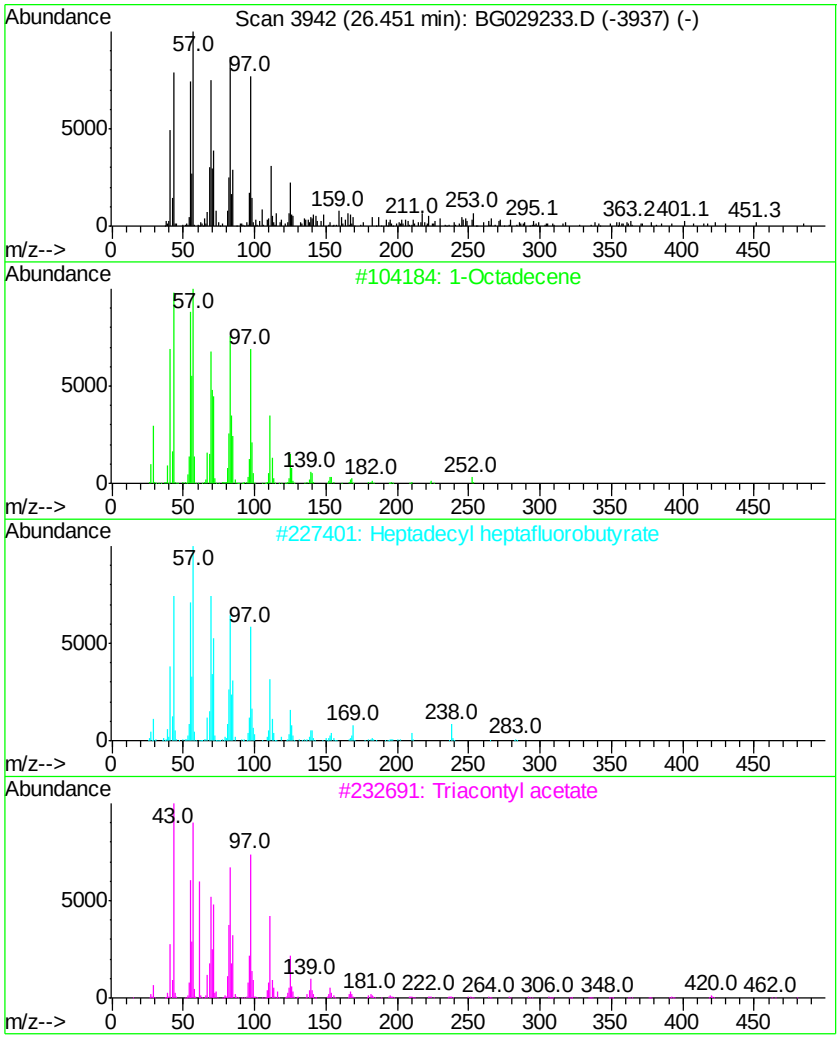
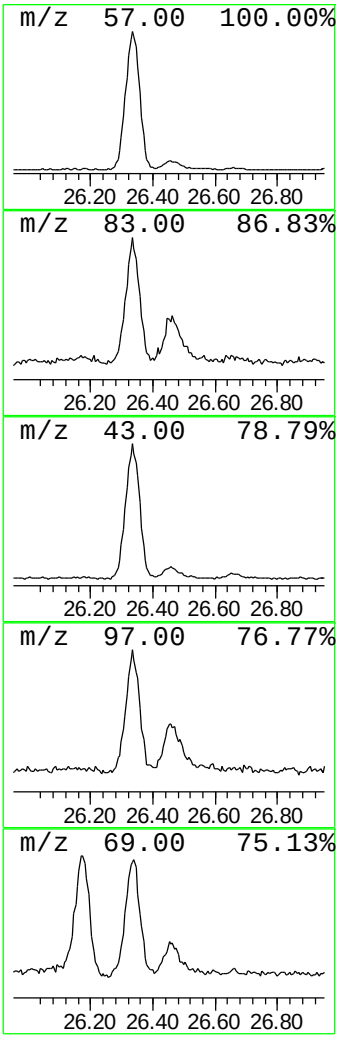
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.45	4.67 ng/ul	531645	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	70
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	62
3	Triacontyl acetate	480	C32H64O2	041755-58-2	49
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	45
5	Docosyl heptafluorobutyrate	522	C26H45F7O2	1000351-83-1	45





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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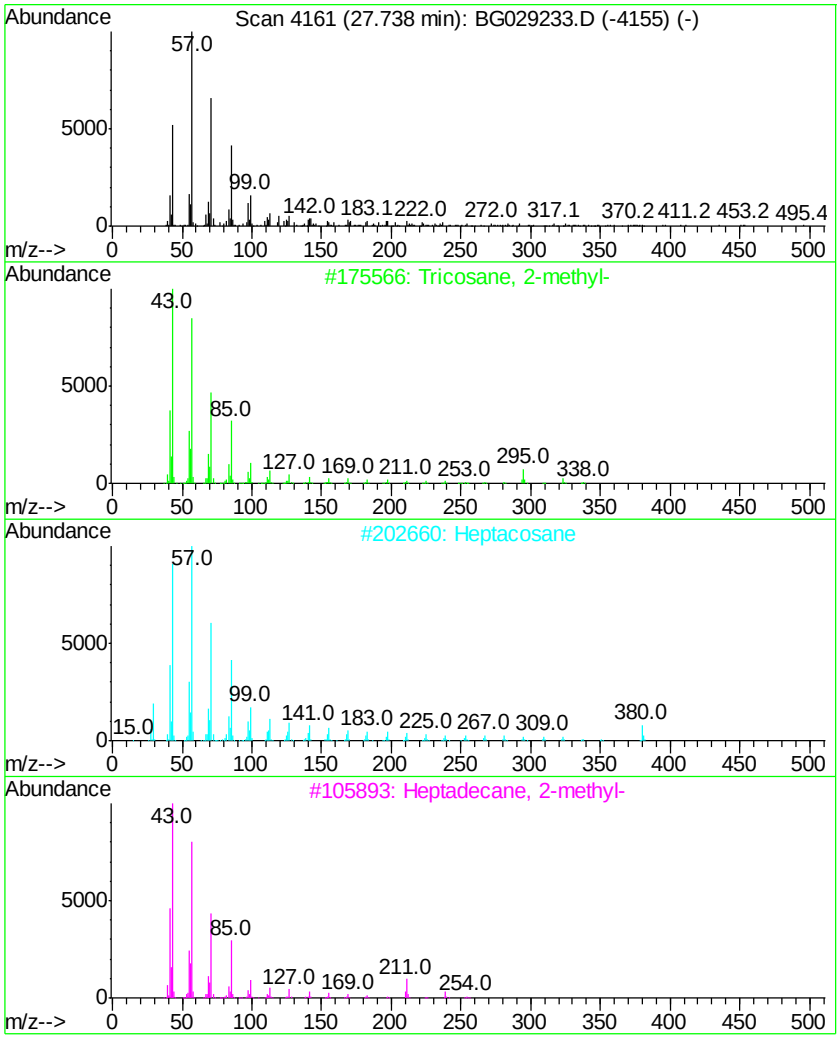
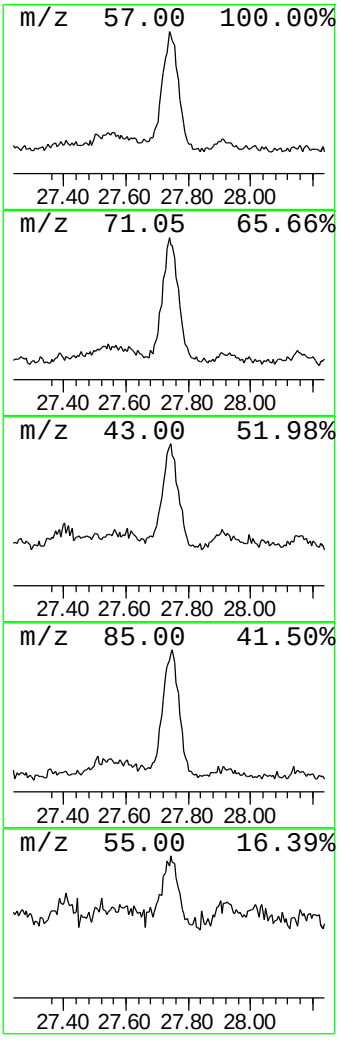
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.74	6.00 ng/ul	683960	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane, 2-methyl-	338	C24H50	001928-30-9	87
2	Heptacosane	380	C27H56	000593-49-7	86
3	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	83
4	Tetracosane	338	C24H50	000646-31-1	83
5	Hexadecane	226	C16H34	000544-76-3	80





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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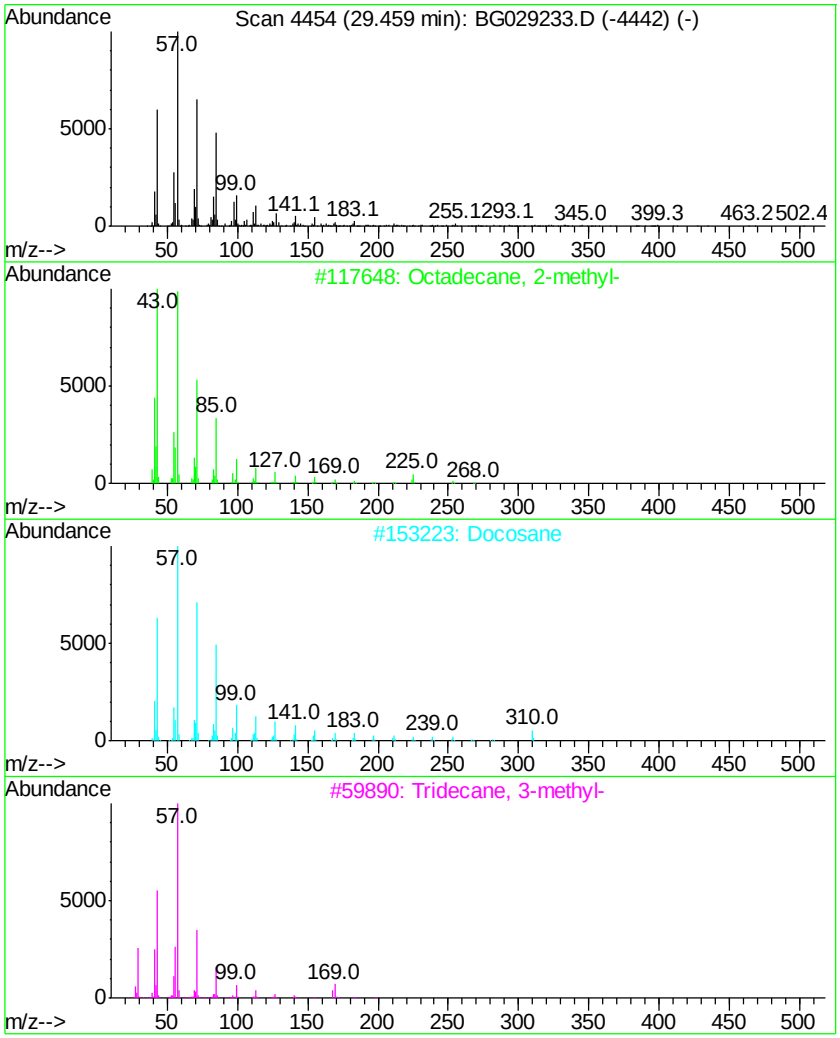
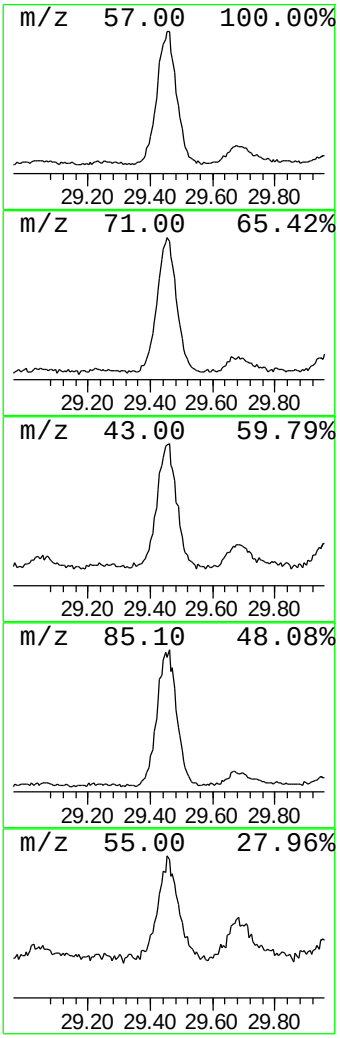
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.46	18.68 ng/ul	2127430	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	Docosane	310	C22H46	000629-97-0	93
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	93
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5	Hexacosane	366	C26H54	000630-01-3	87





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Data File : BG029233.D
Acq On : 14 Oct 2017 21:33
Operator : SJ/JU
Sample : I5548-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

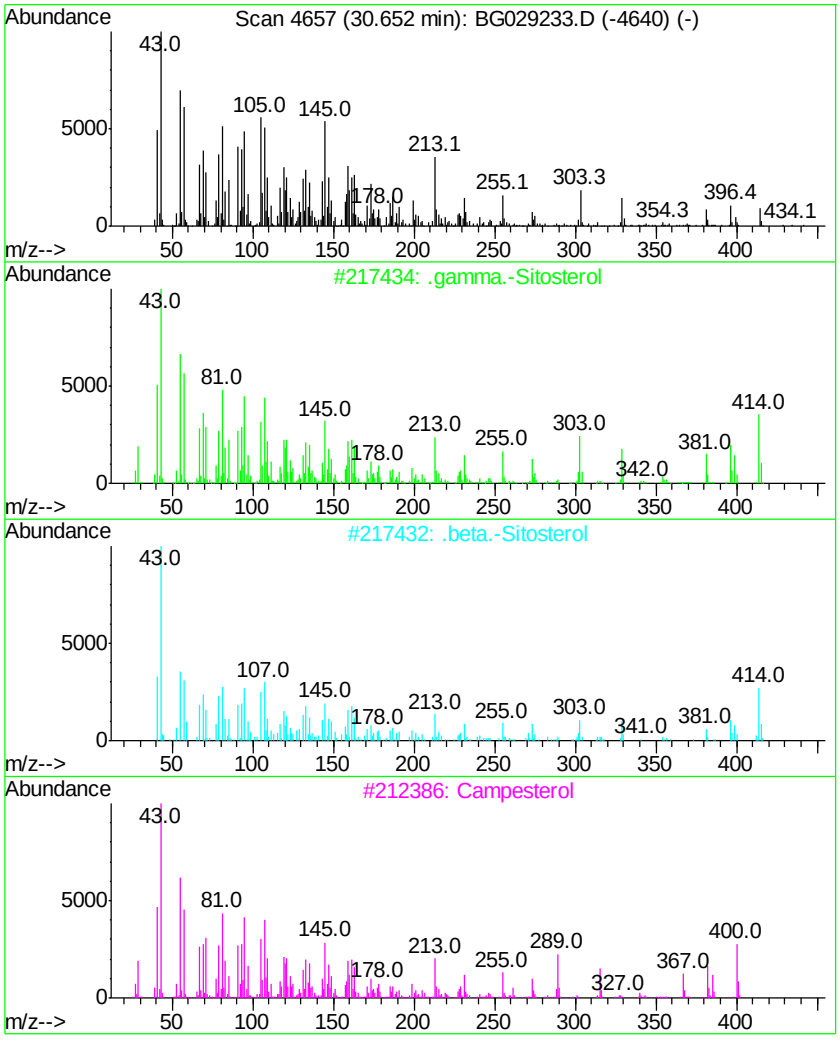
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

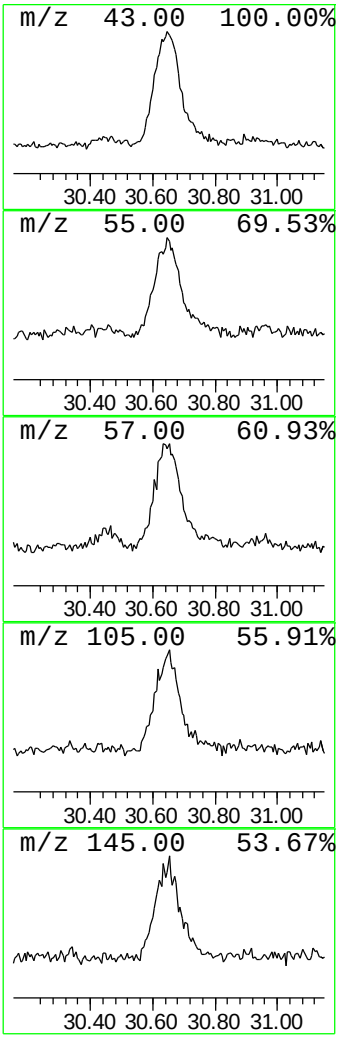
****

Peak Number 29 .gamma.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.65	29.40 ng/ul	3348620	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	94
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	90
3	Campesterol	400	C28H48O	000474-62-4	43
4	.beta.-Sitosterol	414	C29H50O	000083-46-5	42
5	Isocholesteryl methyl ether	400	C28H48O	029944-53-4	38





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG101517\
Data File : BG029233.D
Acq On : 14 Oct 2017 21:33
Operator : SJ/JU
Sample : I5548-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(1R)-2,6,6-Trimet...	6.85	26.7	ng/ul	957529	1	8.17	717104	20.0
Camphene	7.16	3.0	ng/ul	108635	1	8.17	717104	20.0
.beta.-Pinene	7.62	2.2	ng/ul	77725	1	8.17	717104	20.0
Benzoic acid	10.21	2.6	ng/ul	149270	2	10.99	1141110	20.0
1H-Cyclopenta[1,3...	13.68	2.8	ng/ul	212592	3	14.79	1536950	20.0
Bicyclo[7.2.0]und...	14.12	45.2	ng/ul	3473170	3	14.79	1536950	20.0
.alpha.-Muurolene	14.86	2.6	ng/ul	203709	3	14.79	1536950	20.0
Cyclohexene, 6-et...	16.11	2.1	ng/ul	164084	3	14.79	1536950	20.0
Copaene	16.25	6.1	ng/ul	534705	4	17.53	1754360	20.0
n-Hexadecanoic acid	18.40	7.8	ng/ul	686010	4	17.53	1754360	20.0
Octadecanoic acid	19.66	5.7	ng/ul	498627	4	17.53	1754360	20.0
Hexadecanoic acid...	19.81	2.1	ng/ul	180544	5	21.80	1728900	20.0
unknown-01	20.42	4.8	ng/ul	415771	5	21.80	1728900	20.0
.alpha.-Methylsty...	20.70	4.0	ng/ul	345600	5	21.80	1728900	20.0
unknown-02	21.07	4.3	ng/ul	374946	5	21.80	1728900	20.0
Cinnamoylglycine,...	21.25	145.6	ng/ul	12582500	5	21.80	1728900	20.0
Octadecane, 1-(et...	21.42	7.5	ng/ul	652464	5	21.80	1728900	20.0
(DEL) Alkane: Str...	22.63	18.4	ng/ul	1592410	5	21.80	1728900	20.0
Oxirane, heptadecyl-	23.70	2.7	ng/ul	304255	6	25.11	2278160	20.0
(DEL) Alkane: Str...	24.17	24.9	ng/ul	2833560	6	25.11	2278160	20.0
Behenic alcohol	24.23	8.6	ng/ul	983179	6	25.11	2278160	20.0
1,19-Eicosadiene	25.69	6.3	ng/ul	714751	6	25.11	2278160	20.0
1,6,10-Dodecatrie...	26.18	6.8	ng/ul	769180	6	25.11	2278160	20.0
(DEL) Alkane: Str...	26.33	38.2	ng/ul	4353070	6	25.11	2278160	20.0
(DEL) Alkane: Str...	26.45	4.7	ng/ul	531645	6	25.11	2278160	20.0
(DEL) Alkane: Str...	27.74	6.0	ng/ul	683960	6	25.11	2278160	20.0
(DEL) Alkane: Str...	29.46	18.7	ng/ul	2127430	6	25.11	2278160	20.0
.gamma.-Sitosterol	30.65	29.4	ng/ul	3348620	6	25.11	2278160	20.0